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R.L. Seib
1978-1979

MEXICO AND GUATEMALA

General Index

Catalogue (incl. California specimens)

1978 #2441-4929

List of Frozen Tissues

1979 #4930-6805

Journal - 3 trips

1978 Mexico: Baja California Norte,
Baja California Sur,
Guerrero
Mexico: Chiapas
and Guatemala: Guatemala City,
Alta Verapaz,
Jalapa, San Marcos,
Quetzaltenango

1979 Mexico: Chiapas, Baja California Sur
and Guatemala: San Marcos

R.L. Seib
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MEXICO AND GUATEMALA

Catalogue
(incl. California specimens)

1978 #2441-4929

List of Frozen Tissues

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1978

20.1 mile N (by Mexhwy 1) El Rosario, Baja California Norte, México

MVZ 161733 24 April — 2441. Pituophis melanoleucus

10 mile SE (by Mexhwy 1) El Rosario, Baja California Norte, México

CAS 152101 24 April — 2442. Xantusia vigilis (can trap)

CAS 152102 — 2443. " "

146572 — 2444. Crotalus ruber

9 mile N (by Mexhwy 1) Cataviña, Baja California Norte, México

24 April — 2445. Notiosorex crawfordii (shrew)

146979 — 2446. Urosaurus

146573 — 2447. Uta stansburiana (can trap)

146574 — 2448. Cnemidophorus tigris "

146575 — 2449. " " "

146576 — 2450. Crotalus enyo

1.4 mile S (by Mexhwy 1) of Cataviña, Baja California Norte, México

6577 24 April — 2451. Trimorphodon biscutatus

18.5 mile S (by Mexhwy 1) of Cataviña, Baja California Norte, México

CAS 152100 25 April — 2452. Petrosaurus mearnsi (can traps)

146578 — 2453. Sceloporus orcutti "

146579 — 2454. Sceloporus zosteromus "

146580 — 2455. " " "

41.5 mile S (by Mexhwy 1) Cataviña, Baja California Norte, México

146581 25 April — 2456. Cnemidophorus tigris (can trap)

21.1 mile W (by road) Bahia de los Angeles, Baja California Norte, México

25 April — 2457. Phrynosoma coronatum

14 mile W (by road) of Bahia de los Angeles, Baja California Norte, México

146582 25 April — 2458. Cnemidophorus tigris (can traps)

2459. Gambelia wizlizni (dried) "

146583 — 2460. Chilomeniscus cinctus "

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1/4 mile W (by road) Bahía de los Angeles, Baja California Norte, México

6584 25 April — 2461. Chilomeniscus cinctus (can traps)

2462. Salvadora hexalepis (dried) "

146585 2463. Sceloporus zosteromus "

4.3 mile W (by road) Bahia de los Angeles, Baja California Norte, México

46586 25 April — 2464. Crotalus mitchelli

14.5 to 20 mile WNW (by road) Bahía de los Angeles, Baja California Norte, México

CAS 152103 25 April — 2465. Coleonyx variegatus

152104 — 2466. " "

Bahía de los Angeles, Baja California Norte, México

6587 25 April — 2467. Chilomeniscus cinctus

146588 — 2468. " "

Beach flats, Bahía de los Angeles, Baja California Norte, México

146589 26 April — 2469. Dipsosaurus dorsalis (can traps)

146590 — 2470. " " "

146591 — 2471. Uta stansburiana "

146592 — 2472. Chilomeniscus cinctus "

7 km W (by road) Bahía de los Angeles, Baja California Norte, México

146593 26 April — 2473. Petrosaurus mearnsi

2474. Sauromalus obesus (can traps)

146594 — 2475. Uta stansburiana "

146595 — 2476. " " "

146596 — 2477. Cnemidophorus tigris "

146597 — 2478. Leptotyphlops humilis "

9.2 mile S (by Méx hwy 1) Rosarito, Baja California Norte, México

MVZ 161435 26 April — 2479. Salvadora hexalepis

14 miles S (by Méx hwy 1) Rosarito, Baja California Norte, México

6598 27 April — 2480. Gerrhonotus multicarinatus (can trap)

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7.5 mile S of jct. with road to Guerrero Negro (by Mex hwy 1), Baja California Sur, México

27 April 2481. Phrynosoma coronatum

2482. " "

11.4 mile S of jct with road to Guerrero Negro (by Mex hwy 1), Baja California Sur, México

27 April 2483. Crotalus wizlizeni

2.1 mile W (by road) El Arco, Baja California Sur, México

6599 27 April 2484. Urosaurus

146600 2485. "

146601 2486. Uta stansburiana

146602 2487. " "

4.1 mile W (by road) El Arco, Baja California Sur, México

46603 27 April 2488. Crotalus ruber

23.1 miles N (by Méx hwy 1) San Ignacio, Baja California Sur, México

46604 28 April 2489. Sceloporus zosteromus (can traps)

146605 2490. " " "

146606 2491. " " "

146607 2492. " " "

493A = 146608 2493. " " "

S. zosteromus 146609 16.3 mile N San Ignacio (by Mex hwy 1) Baja California Sur, México

6611 28 April 2494. ~~Urosaurus~~ Chemidophorus hyperythrus (can traps)

146612 2495. " " "

146613 2496. Uta stansburiana "

146614 2497. " " "

Trailor Park near El Presidente, San Ignacio, Baja California Sur, México

28 April 2498. Pituophis melanoleucus (escaped)

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		22.5 mile N (by Méx hwy 1) Santa Rosalia, Baja California Sur, México
MVZ 161438	28 April	2499. Sonora mosauri
		9.5 mile N (by Méx hwy 1) Santa Rosalia, Baja California Sur, México
10	28 April	2500. Crotalus ~~enyo~~ mitchelli
		Santa Agueda, Baja California Sur, México
5	29-30 April	2501. Calisaurus draconoides
146616		2502. Crotophytus insularis
146617		2503. Sceloporus orcutti
146618		2504. " "
146619		2505. " "
146620		2506. " "
MVZ 161175		2507. Petrosaurus thallasinus
MVZ 161176		2508. " "
MVZ 161177		2509. " "
MVZ 161178		2510. " "
		2511. Sauromalus obesus ♀ laid 5 eggs
		2512. " " ♂
146623		2513. Uro saurus ~~nigricaudus~~ microscutatus
146624		2514. " "
146625		2515. " "
146626		2516. " "
146627		2517. " "
146628		2518. " "
146629		2519. " "
146630		2520. " "
146631		2521. " "
MVZ 161328		2522. " "
146632		2523. " "

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Santa Agueda, Baja California Sur, Mexico

33 29-30 April	2594.	Urosaurus	~~nigricaudus~~ microscutatus
146634	2595.	"	"
146635	2596.	"	"
146636	2597.	"	"
146637	2598.	"	"
146638	2599.	"	"
146639	2530.	"	"
146640	2531.	"	"
146641	2532.	"	"
146642	2533.	"	"
146643	2534.	"	"
146644	2535.	Uta	stansburiana
146645	2536.	"	"
146646	2537.	Chilomeniscus cinctus	
146647	2538.	Leptotyphlops humilis	
CAS 152108	2539.	Phyllodactylus xanti	
152109	2540.	"	"
152110	2541.	"	"
152111	2542.	"	"
152112	2543.	"	"
152113	2544.	"	"
152114	2545.	"	"

2.2 mile N (by Mexhwy 1) Loreto, Baja California Sur, México

30 April 2546. Sauromalus

7 mile N (by Mexhwy 1) San Pedro, Baja California Sur, México

MVZ 161417
30 April 2547. Chilomeniscus stramineous

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Beach in cove on SW corner Isla Partida, Gulf of California, Baja California Sur, México

2-3 May	2548.	Petrosaurus thalassinus	
	2549.	Sceloporus licki	
	2550.	" "	
	2551.	" "	
	2552.	" "	
MVZ 161337	2553.	Urosaurus ~~[illegible]~~ microscutatus	
161338	2554.	" "	
161339	2555.	" "	
161340	2556.	" "	
161341	2557.	" "	
161342	2558.	" "	
161343	2559.	" "	
161344	2560.	Uta stansburiana	
161345	2561.	" "	
	2562.	Phyllodactylus unctus	[to México City
	2563.	" "	"
	2564.	" "	"
MVZ 161424	2565.	Masticophis barbouri	
161442	2566.	Crotalus mitchelli	
161443	2567.	" "	
	2568.	" "	[sent to Mexico city

Playa La Bonanza, Isla Espiritu Santo, Gulf of California, Baja California Sur, México

MVZ 161384 3-4 May	2569.	Cnemidophorus tigris	
	2570.	Callisaurus draconoides	
	2571.	" "	

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Playa La Bonanza, Isla Espiritu Santo, Gulf of California, Baja California Sur, México

3-4 May	2572.	Calisaurus draconoides
	2573.	Dipsosaurus dorsalis
	2574.	" "
	2575.	" "
MVZ 161179	2576.	Petrosaurus thalassinus
MVZ 161180	2577.	" "
MVZ 161181	2578.	" "
MVZ 161257	2579.	Sauromalus ater
161258	2580.	" "
161259	2581.	" "
161260	2582.	" "
161261	2583.	" "
161262	2584.	" "
161321	2585.	Sceloporus licki
161346	2586.	Uta stansburiana
161347	2587.	" "
	2588.	Phyllodactylus unctus
	2589.	" "
	2590.	" "
	2591.	" "
	2592.	" "
	2593.	" "
	2594.	" "
	2595.	" "
	2596.	" "
	2597.	" "

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Playa La Bonanza, Isla Espiritu Santo, Gulf of California, Baja California Sur, México.

3-4 May 2598. Phyllodactylus unctus
2599. " "
2600. " "
2601. " "
2602. " "
2603. " "
2604. " "
2605. " "
2606. " "
2607. " "
2608. " "
2609. " "
2610. " "
2611. " "
16 Mar 2612. Masticophis flagellum

---

4 May 2613. Phrynosoma coronatum (Murphy)
El Sombrero Trailer Park, La Paz, Baja California Sur, México
3-5 May 2614. Phrynosoma coronatum (dead) percerved
2615. " " " "
2616. " " " "
2617. " " " (tossed)
2618. " " " "
2619. " " " "
2620. " " "
2621. " " "

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El Sombrero Trailer Park, La Paz, Baja California Sur, México

3-5 May	2622.	Phrynosoma	coronatum	tissue
	2623.	"	"	"
	2624.	"	"	"
	2625.	"	"	"
	2626.	"	"	"
	2627.	"	"	"
MVZ 161243	2628.	"	"	tissue
161244	2629.	"	"	"
161245	2630.	"	"	"
161246	2631.	"	"	"
161247	2632.	"	"	"
161248	2633.	"	"	"
161249	2634.	"	"	"
161250	2635.	"	"	"
161251	2636.	"	"	"
161252	2637.	"	"	"
161253	2638.	"	"	"
161254	2639.	"	"	"
161255	2640.	"	"	"
161256	2641.	"	"	"
MVZ 165408	2642.	Bipes biporus		
165409	2643.	"	"	
165410	2644.	"	"	
165411	2645.	"	"	
165412	2646.	"	"	
165413	2647.	"	"	
165414	2648.	"	"	

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El Sombrero Trailer Park, La Paz, Baja California Sur, México

m/z 165415 3-5 May	2649.	Bipes	biporus
165416	2650.	"	"
165417	2651.	"	"
418	2652.	"	"
419	2653.	"	"
420	2654.	"	"
421	2655.	"	"
422	2656.	"	"
423	2657.	"	"
424	2658.	"	"
425	2659.	"	"
426	2660.	"	"
427	2661.	"	"
428	2662.	"	"
429	2663.	"	"
430	2664.	"	"
431	2665.	"	"
432	2666.	"	"
433	2667.	"	"
434	2668.	"	"
435	2669.	"	"
436	2670.	"	"
437	2671.	"	"
438	2672.	"	"
439	2673.	"	"
440	2674.	"	"
165441	2675.	"	"

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El Sombrero Trailor Park, La Paz, Baja California Sur, México

165442 3-5 May	2676.	Bipes	biporus
165443	2677.	"	"
444	2678.	"	"
445	2679.	"	"
446	2680.	"	"
447	2681.	"	"
448	2682.	"	"
449	2683.	"	"
450	2684.	"	"
451	2685.	"	"
452	2686.	"	"
453	2687.	"	"
454	2688.	"	"
455	2689.	"	"
456	2690.	"	"
457	2691.	"	"
458	2692.	"	"
459	2693.	"	"
460	2694.	"	"
461	2695.	"	"
462	2696.	"	"
463	2697.	"	"
464	2698.	"	"
465	2699.	"	"
466	2700.	"	"
467	2701.	"	"
165466	2702.	"	"

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El Sombrero Trailor Park, La Paz, Baja California Sur, México

165469 3-5 May	n703.	Bipes	biporus
165470	n704.	"	"
471	n705.	"	"
472	n706.	"	"
473	n707.	"	"
474	n708.	"	"
475	n709.	"	"
476	n710.	"	"
477	n711.	"	"
478	n712.	"	"
479	n713.	"	"
480	n714.	"	"
481	n715.	"	"
482	n716.	"	"
483	n717.	"	"
484	n718.	"	"
485	n719.	"	"
486	n720.	"	"
487	n721.	"	"
488	n722.	"	"
489	n723.	"	"
490	n724.	"	"
491	n725.	"	"
492	n726.	"	"
493	n727.	"	"
494	n728.	"	"
165495	n729.	"	"

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El Sombrero Trailer Park, La Paz, Baja California Sur, México

165496 3-5 May	h730.	Bipes	biporus
165497	h731.	"	"
165498	h732.	"	"
165499	h733.	"	"
165500	h734.	"	"
	h735.	"	"
	h736.	"	"
	h737.	"	"
	h738.	"	"
	h739.	"	"
	h740.	"	"
	h741.	"	"
	h742.	"	"
	h743.	"	"
	h744.	"	"
	h745.	"	"
	h746.	"	"
	h747.	"	"
	h748.	"	"
	h749.	"	"
	h750.	"	"
	h751.	"	"
	h752.	"	"
	h753.	"	"
	h754.	"	"

6 May

22 miles N (by Mex hwy 1) Loreto, Baja California Sur, México

CAS 152119

h755. Phyllodactylus x. noticolus

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2 miles N (by Mexhwy 1) Loreto Baja California Sur, México

MVZ 161336 6 May	2756.	Urosaurus	~~graciosus~~ microscutatus (dead)
146648	2757.	"	"
146649	2758.	"	"
146650 ~~146650~~	2759.	"	"
146651	2760.	"	"
146652	2761.	"	"
146653	2762.	"	"
146654	2763.	"	"
146655	2764.	"	"
146656	2765.	"	"
146657	2766.	"	"
146658	2767.	"	"
146659	2768.	"	"
146660	2769.	"	"
146663	2770.	"	"
146664	2771.	"	"
146665	2772.	"	"
146666	2773.	"	"
146667	2774.	"	"
146668	2775.	"	"
146669	2776.	"	"
146670	2777.	"	"
146671	2778.	"	"
146672	2779.	"	"
146661	2780.	"	"
146662	2781.	"	"
	2782.	"	"

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19.6 mile S (by Mex hwy 1) Mulege, Baja California Sur, México

6 May — 2783. Sauromalus

2784. Urosaurus ~~nigricaudus~~ microscutatus [to Mexico (,7y]

CAS 152120 — 2785. Phyllodactylus × noticolus

15.6 mile N (by Mex hwy 1) Santa Rosalia, Baja California Sur, México

573 6 May — 2786. Urosaurus nigricaudus

146674 — 2787. Cnemidophorus hyperythrus

146675 — 2788. " "

4.7 mile NW (by Mex hwy 1) Santa Rosalia, Baja California Sur, México

576 6 May — 2789. Crotalus ~~enyo~~ mitchelli

7.6 mile S (by Mex hwy 1) San Ignacio, Baja California Sur, México

499 7 May — 2790. Eridiphas slevini

18.3 mile S (by Mex hwy 1) San Ignacio, Baja California Sur, México

577 7 May — 2791. Urosaurus nigricaudus

578 — 2792. " "

579 — 2793. " "

580 — 2794. " "

581 — 2795. Uta stansburiana

582 — 2796. Cnemidophorus hyperythrus

583 — 2797. " "

Santa Agueda, Baja California Sur, México

7-8 May — 2798. Crotophytus insularis

146685 — 2799. Dipsosaurus dorsalis

146686 — 2800. " "

146687 — 2801. " "

146688 — 2802. " "

MVZ 161287 — 2803. Petrosaurus thalassinus

161288 — 2804. " "

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Santa Agueda, Baja California Sur, Mexico

7-8 May	2805.	Sceloporus	orcutti
146690	2806.	"	"
146691	2807.	"	"
146692	2808.	"	"
146693	2809.	"	"
146694	2810.	Sauromalus	obesus
146695	2811.	Urosaurus	nigricaudus
146696	2812.	"	"
146697	2813.	"	"
146698	2814.	"	"
146699	2815.	"	"
146700	2816.	"	"
146701	2817.	"	"
146702	2818.	"	"
146703	2819.	"	"
146704	2820.	"	"
146705	2821.	"	"
146706	2822.	"	"
146707	2823.	"	"
146708	2824.	"	"
146709	2825.	"	"
146710	2826.	"	"
146711	2827.	"	"
146712	2828.	"	"
146713	2829.	"	"
146714	2830.	"	"
146715	2831.	"	"

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Santa Agueda, Baja California Sur, Mexico

7-8 May	2832.	Urosaurus	nigricaudus	
146717	2833.	"	"	
146718	2834.	"	"	
146719	2835.	"	"	
146720	2836.	"	"	
146721	2837.	"	"	
146722	2838.	"	"	
146723	2839.	"	"	
146724	2840.	"	"	
146725	2841.	"	"	
146726	2842.	Uta	stansburiana	
146727	2843.	"	"	
146728	2844.	"	"	
146729	2845.	Chemidophorus	hyperythrus	
146730	2846.	"	"	
146731	2847.	"	"	
146732	2848.	Coleonyx	variegatus peninsularis	
146733	2849.	Phyllodactylus	noticolus	
146734	2850.	"	"	
146735	2851.	"	"	
	2852.	Leptotyphlops	humilis	
MVZ 161419	2853.	Eridiphas	slevini	
146736	2854.	Hypsiglena	torquata	
146737	2855.	Pituophis	melanoleucas	
MVZ 161429	2856.	"	"	tissue
161430	2857.	"	"	"

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	5.5 mile N (by Mex hwy 1) San Ignacio, Baja California Sur, México			
9 May	2858.	Sauromalus		
	2859.	"		
	2860.	"		
146738	2861.	Phyllodactylus × noticolus		
146739	2862.	"	"	
146740	2863.	"	"	
146741	2864.	"	"	
146742	2865.	"	"	
146743	2866.	"	"	
cg 2887 on DY RS ← 146980	2867.	"	"	
	Viscaino, Baja California Sur, Mexico.			
9 May	2868.	Phrynosoma coronatum		tossed
	2869.	"	"	tossed
	2870.	"	"	tossed
	2871.	"	"	tossed
	2872.	"	"	tissue
	2873.	"	"	"
	2874.	"	"	"
	2875.	"	"	"
	2876.	"	"	"
146744	2877.	Sceloporus zosteromus		
146745	2878.	"	"	
	25.3 mile N (by Mex hwy 1) San Ignacio, Baja California Sur México			
46 9 May	2879.	Arizona elegans		
	19.2 mile N (by Mex hwy 1) San Ignacio, Baja California Sur México			
	2880.	Lichanura trivirgata		

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13.0 mile N (by Mexhwy 1) San Ignacio, Baja California Sur, México

9 May 146747 — h881. Chilomeniscus cinctus

3.3 mile N (by Mexhwy 1) San Ignacio, Baja California Sur, México

9 May 146748 — h882. Crotalus enyo

Viscaino, Baja California Sur, México

1 May — h883. Phrynosoma coronatum — tissue
h884. " " "

San Ignacio, Baja California Sur, México

10 May — h885. Calisaurus draconoides
146750 — h886. " "
146751 — h887. Sceloporus orcutti
146752 — h888. " "
146753 — h889. " "
146754 — h890. " "
146755 — h891. Sceloporus zosteromus
MVZ 161289 — h892. Petrosaurus repens
146756 — h893. Urosaurus nigricaudus
146757 — h894. " "
146758 — h895. " "
146759 — h896. " "
146760 — h897. " "
146761 — h898. " "
146762 — h899. " "
146763 — h900. " "
146764 — h901. " "
146765 — h902. " "
146766 — h903. " "
146767 — h904. " "

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San Ignacio, Baja California Sur, Mexico

10 May 146768 2905. Urosaurus nigricaudus

146769 2906. " "

146770 2907. Uta stansburiana

146981 2908. Chemidophorus hyperythrus

1.9 mile N (by Mex hwy 1) San Ignacio, Baja California Sur, Mexico

10 May 146771 2909. Lichanura trivirgata

5.9 mile S (by Mex hwy 1) Viscaino, Baja California Sur, Mexico

10 May 146772 2910. Calisaurus draconoides ~~crinatus~~ [crinitus]

146773 2911. " " "

146774 2912. " " "

146775 2913. " " "

146776 2914. " " "

146777 2915. " " "

146778 2916. " " "

146779 2917. " " "

146780 2918. " " "

146781 2919. " " "

146782 2920. " " "

18.8 mile N (by Mex hwy 1) San Ignacio, Baja California Sur, México

MVZ 161397 10 May 2921. Chilomeniscus cinctus

17.4 mile N (by Mex hwy 1) San Ignacio, Baja California Sur, México

146783 10 May 2922. Bufo punctatus

2.2 mile S (by Mex hwy 1) San Ignacio, Baja California Sur, México

MVZ 161427 10 May 2923. Phyllorhynchus decurtatus

23.1 mile N (by Mex hwy 1) San Ignacio, Baja California Sur, México

146784 11 May 2924. Sceloporus zosteromus (can traps)

146785 2925. Chemidophorus tigris "

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1978

23.1 mile N (by Mex hwy 1) San Ignacio, Baja California Sur, México

146786 | 11 May | 2926. Chemidophorus tigris (pan trap)

16.3 mile N (by Mex hwy 1) San Ignacio, Baja California Sur, México

146787 | 11 May | 2927. Dipsosaurus dorsalis (pan trap)

Viscaino, Baja California Sur, México

146788 | 10 May | 2928. Coleonyx variegatus

27.8 mile N (by Mex hwy 1) San Ignacio, Baja California Sur, México

146791 | 11 May | 2929. Pituophis melanoleucus

14.0 mile N (by Mex hwy 1) San Ignacio, Baja California Sur, México

146789 | 11 May | 2930. Bufo punctatus

146790 | 2931. " "

Viscaino, Baja California Sur México

12 May | 2932. Phrynosoma coronatum tissue

2933. " " "

2934. " " "

3.3 mile N (by Mex hwy 1) San Ignacio, Baja California Sur, México

12 May | 2935. Sauromalus

146792 | 2936. Coleonyx variegatus

146793 | 2937. " "

3.1 mile N (by Méx hwy 1) San Ignacio, Baja California Sur, México

146794 | 12 May | 2938. Trimorphodon biscutatus vandenburg.

San Ignacio, Baja California Sur, México

MVZ 161431 | 12 May | 2939. Pituophis melanoleucus +tissue

6.4 mile S (by Mex hwy 1) San Ignacio, Baja California Sur, México

MVZ 161398 | 12 May | 2940. Chilomeniscus cinctus

San Ignacio, Baja California Sur, México

146795 | 13 May | 2941. Petrosaurus repens

MVZ 161399 | 2942. Chilomeniscus cinctus

Seib, R.
1978

San Ignacio, Baja California Sur, México

13 May	146796	2943.	Celiseurus draconoides	
	146797	2944.	"	"
	146798	2945.	"	"
	146799	2946.	Sceloporus orcutti	
	146800	2947.	"	"
	146801	2948.	Sceloporus zosteromus	
	146802	2949.	Urosaurus nigricaudus	
	146803	2950.	"	"
	146804	2951.	"	"
	146805	2952.	"	"
	146806	2953.	"	"
	146807	2954.	Uta stansburiana	
	146808	2955.	Cnemidophorus hyperythrus	
	146809	2956.	"	"
	146810	2957.	"	"
	146811	2958.	"	"

Viscaino, Baja California Sur, México

13 May		2959.	Phrynosoma coronatum	tissue
		2960.	"	"
		2961.	"	"
		2962.	"	"
		2963.	"	"

2.1mile S(by Mex hwy 1) of jct with road to El Arco, Baja California Sur, México

13 May		2964.	Phrynosoma coronatum	

2.1mile W(by road) El Arco, Baja California Sur, México

CAS 152121 13 May		2965.	Bufo punctatus	
	146812	2966.	"	"

Seib, R.

1978

2.1 mile W (by road) El Arco, Baja California Sur, Mexico

146813				
13 May	2967.	Coleonyx variegatus		
14 May	2968.	Sauromalus	tissue	
	2969.	"	"	
	2970.	Sceloporus orcutti	(can trap)	
	2971.	"	"	"
	2972.	"	"	" (tossed)
146814	2973.	Urosaurus	"	
146815	2974.	"		
146816	2975.	"		
146817	2976.	"		
146818	2977.	"		
146819	2978.	"		
146820	2979.	"		
146821	2980.	"		
146822	2981.	"		
146823	2982.	"		
146824	2983.	"		
146825	2984.	"		
148826	2985.	"		
146827	2986.	"		
146828	2987.	"		
146829	2988.	"		
146830	2989.	"		
146831	2990.	"		
146832	2991.	"		
146833	2992.	"		
146834	2993.	"		

Seib, R.
1978

½ mile W (by road) El Arco, Baja California Sur, México

14 May 146835	2994.	Urosaurus		
146836	2995.	"		
146837	2996.	"		
146838	2997.	"		
146839	2998.	"		
146840	2999.	"		
146841	3000.	"		
146842	3001.	"		
146843	3002.	"		
146844	3003.	Uta	stansburiana	(can traps)
146845	3004.	"	"	"
146846	3005.	"	"	"
146847	3006.	Cnemidophorus	hyperythrus	"
146848	3007.	"	"	"
146849	3008.	"	"	"
146850	3009.	"	"	"
146851	3010.	"	"	"
146852	3011.	Phyllodactylus	xanti	
146853	3012.	Chilomeniscus	cinctus (dead)	(can traps)
MVZ 161396	3013.	"	"	"

Sand dunes, 2.4 mile N Parallelo 28, ½ miles W Mex hwy 1, Baja California Norte, México

14 May 146854	3014.	Calisaurus	draconoides

14 miles S (by Mex hwy 1) Rosarito, Baja California Norte, México

146855	3015.	Sceloporus	zosteromas
MVZ 161492	3016.	Hypsiglena	torquata

Seib, R.
1978

9.2 mile S (by Mex hwy 1) Rosarito, Baja California Norte, Mexico

14 May 146856	3017.	Bufo	punctatus		
152123	3018.	〃	〃		
152124	3019.	〃	〃		
146857	3020.	〃	〃		
	3021.	Sceloporus	orcutti	(pantraps)	FC 12964
	3022.	〃	〃	〃	FC 12965
	3023.	〃	〃	〃	FC 12966
	3024.	〃	〃	〃	FC 12967
	3025.	〃	〃	〃	FC 12968
	3026.	〃	〃	〃	FC 12969
	3027.	〃	〃	〃	FC 12970
	3028.	Sceloporus	zosteromus	〃	FC 12971
	3029.	〃	〃	〃	FC 12972
	3030.	〃	〃	〃	FC 12973
	3031.	〃	〃	〃	FC 12974
	3032.	〃	〃	〃	FC 12975
	3033.	〃	〃	〃	FC 12976
CAS 152125	3034.	Uta	stansburiana	〃	
152126	3035.	〃	〃	〃	
152127	3036.	〃	〃	〃	
152128	3037.	Chemidophorus	hyperythrus	〃	
146858	3038.	Chemidophorus	tigris	〃	
146859	3039.	〃	〃	〃	

Arroyo Santo Domingo, Baja California Norte, México

15 May 146860	3040.	Sceloporus	orcutti	(pantraps)
MVZ 161410	3041.	Chilomeniscus	cinctus	〃
161411	3042.	〃	〃	〃

Seib, R.
1978

1 km ENE (by road to Bahía de los Angeles) jct. with Mex hwy 1, Baja California Norte, México

146861 15 May	3043.	Chemidophorus	tigris	(can traps)
146862	3044.	"	"	"
146863	3045.	Xantusia	vigilis	
146864	3046.	"	"	
146865	3047.	"	"	
146866	3048.	"	"	
146867	3049.	"	"	
146868	3050.	"	"	
146869	3051.	"	"	
146870	3052.	"	"	
146871	3053.	"	"	
146872	3054.	"	"	
146873	3055.	"	"	
146874	3056.	"	"	
146875	3057.	"	"	
146876	3058.	"	"	
146877	3059.	"	"	

11 km E (by road to Bahía de los Angeles) jct with Mex hwy 1, Baja California Norte, México

146878 15 May	3060.	Xantusia	vigilis	
146879	3061.	"	"	
146880	3062.	"	"	
146881 ~~146880~~	3063.	"	"	
146882	3064.	"	"	
146883	3065.	"	"	
146884	3066.	"	"	
146885	3067.	"	"	

Seib, R.

1978

11 km E (by road to Bahía de los Angeles) jct. with Mex hwy 1, Baja California Norte, México

146886
15 May — 3068. Xantusia vigilis

146890 — 3069. Tantilla planiceps (dead) (can traps)

MVZ 161440 — 3070. 〃 〃 〃 tissue

14 miles W (by road) Bahía de los Angeles, Baja California Norte, México

146888
5 May — 3071. Dipsosaurus dorsalis MVZ 161171 (can traps)

CAS 152129 — 3072. Uta stansburiana 〃

152130 — 3073 〃 〃 〃

152131 — 3074. 〃 〃 〃

152132 — 3075. 〃 〃 〃

152133 — 3076. 〃 〃 〃

152134 — 3077. 〃 〃 〃

146887 — 3078. Gemidophorus tigris 〃

146889 — 3079. 〃 〃 〃

7 km W (by road) Bahía de los Angeles, Baja California Norte, México

15 May ✓ — 3080. Sauromalus obesus

3081. 〃 〃 (can traps)

CAS 152135 — 3082. Uta stansburiana 〃

152136 — 3083. 〃 〃 〃

3084. 〃 〃 〃

CAS 146891 — 3085. 〃 〃 〃

CAS 152137 — 3086. 〃 〃 〃

152138 — 3087. 〃 〃 〃

152139 — 3088. Urosaurus microscutatus 〃

146892 — 3089. Uta stansburiana

Beach flats, Bahía de los Angeles, Baja California Norte, México

15 May — 3090. Dipsosaurus dorsalis MVZ 161172 (can traps)

3091. 〃 〃 〃

Seib, R.
1978

Beach flats, Bahía de los Angeles, Baja California Norte, México

CAS
15 May 152141 3092. Uta stansburiana (can trap)
152142 3093. " " "
152143 3094. " " "
146893 3095. Chilomeniscus cinctus "

7 km W (by road) Bahía de los Angeles, Baja California Norte, México

MVZ 161409
15 May 3096. Chilomeniscus cinctus

48 km E (by road to Bahía de los Angeles) jct with Mex hwy 1, Baja California Norte, México

MVZ 161432
15 May 3097. Pituophis melanoleucus

14.5 to 20 mile WNW (by road) Bahía de los Angeles, Baja California Norte, México

15 May 146894 3098. Bufo punctatus
152105
CAS ~~152099~~ 3099. Coleonyx variegatus
152106 3100. " "
152107 3101. " "
MVZ 161428 3102. Phyllorhynchus decurtatus
146895 3103. Crotalus ruber

16.5 mile W (by road) Bahía de los Angeles, Baja California Norte, México

MVZ 161439
15 May 3104. Sonora mosauri

7 km W (by road) Bahía de los Angeles, Baja California Norte, México

16 May 3105. Gambelia wizlizeni
3106. Sauromalus obesus
3107. " "
3108. " "
3109. " "
3110. Urosaurus microscutatus
3111. Uta stansburiana

Seib, R.
1978

Bahía de los Angeles, Baja California Norte, México

146896 16 May	3112.	Calisaurus draconoides
146897	3113.	" "
CAS 152144	3114.	Urosaurus microscutatus
146899	3115.	Chemidophorus tigris
146898	3116.	Calisaurus draconoides

47 km E (by rd. to Bahía de los Angeles) jct with Mexhwy 1, Baja California Norte, México

16 May	3117.	Phrynosoma coronatum

41.5 mile S (by Mexhwy 1) Cataviña, Baja California Norte, México

16 May	3118.	Petrosaurus repens
	3119.	Sauromalus obesus
	3120.	" "
	3121.	" "
	3122.	" "
	3123.	" "
UVZ 161331	3124.	Urosaurus microscutatus
161348	3125.	Uta stansburiana (can trap)
161379	3126.	Chemidophorus hyperythrus

18.5 mile S (by Mexhwy 1) Cataviña, Baja California Norte, México

16 May	3127.	Sceloporus orcutti (can trap)
UVZ 161332	3128.	Urosaurus microscutatus
161333	3129.	" "
161334	3130.	" "
	3131.	Uta stansburiana (can trap)
	3132.	" " "
	3133.	" " "
	3134.	" " "
	3135.	Chemidophorus tigris " [to Mexico City]

Seib, R.
1978

18.5 mile S (by Mex hwy 1) Cataviña, Baja California Norte, México

16 May 3136. Chemidophorus tigris [Mexico City] (can traps)
MVZ 161413 3137. Chilomeniscus cinctus "
161414 3138. " " "
3139. " " "
3140. " " "

12.9 mile S (by Mex hwy 1) Cataviña, Baja California Norte, México

16 May 3141. Phrynosoma coronatum (can traps)
MVZ 161353 3142. Uta stansburiana "
161354 3143. " " "

10.3 mile S (by Mex hwy 1) Cataviña, Baja California Norte, México

16 May 3144. Sceloporus orcutti (can traps) FC 12977
3145. Sceloporus ~~zosteromus~~ rufidorsum " FC 12978
3146. " " " FC 12979
3147. " " [Sent to Mex City] ~~FC 12980~~
3148. " " " tossed
3149. " " " "
MVZ 161355 3150. Uta stansburiana "
161356 3151. " " "
3152. Chemidophorus hyperythrus " [to Mexico City]
MVZ 161423 3153. Hypsiglena torquata "

9 mile N (by Mex hwy 1) Cataviña, Baja California Norte, México

17 May 3154. Petrosaurus mearnsi (can traps)
MVZ ~~161357~~ 3155. Sceloporus orcutti "
MVZ 161357 3156. Uta stansburiana "
161380 3157. Chemidophorus hyperythrus "
161381 3158. " " "
161385 3159. Chemidophorus tigris "

Seib, R.
1978

9 mile N (by Mex hwy 1) Catavina, Baja California Norte, México

MVZ 161386 — 17 May — 3160. Chemidophorus tigris

10 mile SE (by Mex hwy 1) El Rosario, Baja California Norte, México

17 May — 3161. Notiosorex crawfordi (Shrew) (can traps)

17 May — 3162. Thomomys " "

MVZ 161393 — 3163. Gerrhonotus multicarinatus "

3164. Sceloporus zosteromus "

MVZ 161382 — 3165. Chemidophorus hyperythrus "

Colonia Guerrero, Baja California Norte, México

17 May — 3166. Phrynosoma coronatum tissue

3167. " " "

3168. " " "

3169. " " "

3170. " " "

3171. " " "

3172. " " "

3173. " " "

3174. " " "

3175. " " "

3176. " " "

3177. " " "

3178. " " "

3179. " " "

3180. " " "

3181. " " " ~~tissue~~

3182. " " preserved

3183. " " "

MVZ 181139 — 3184. " " ♀ ~~skeleton~~

Seib, R.
1978.

Colonia Guerrero, Baja California Norte, México

MVZ 181140
17 May
3185. Phrynosoma coronatum ♂ clean skull skeleton
3186. " " ♀ tossed

El Platana, Guerrero, México

oc - Jan
MVZ 161505
177 - 1978
3187. Phrynosoma asio
161506
3188. " "

Viscinity of Las Cruces, Doña Ana Co., New México

VZ 161507
ate May 78
3189. Phrynosoma cornutum

Southwest Salt River Mtns, Maricopa Co, Arizona

161508
May 31
3190. Phrynosoma solare
161517
3191. Uta stansburiana
MVZ 161445
3192. Coleonyx variegatus
161446
3193. " "
161447
3194. " "
161509
3195. Phrynosoma solare (POR)

Madera Canyon Rd., 9 mile SE Continental, Pima Co, Arizona

161510
4 June
3196. Phrynosoma solare
161511
3197. " "
161516
3198. Holbrookia

4-5 June
Mission Rd, South of San Xavier Mission, Pima Co., Arizona
161512
3199. Phrynosoma solare
161513
3200. " "
161514
3201. " "
161515
3202. " " (DOR)

10-12 June
Darwin Falls, Inyo Co., California
161444
3203. Coleonyx variegatus
MVZ 229610
3204. Crotaphytus ~~insularis~~ collaris
3205. " "

Seib, R.
1978

Darwin Falls, Inyo Co., California

10-17 June	3206.	Gambelia wizlizni	
	3207.	Cnemidophorus tigris	
mvz 161523	3208.	Sauromalus obesus	
161524	3209.	"	"
161525	3210.	"	"
161526	3211.	"	"
161527	3212.	"	"
161528	3213.	"	"
161529	3214.	"	"
161530	3215.	"	"
161531	3216.	"	"
161532	3217.	"	"
161533	3218.	"	"
161534	3219.	"	"
161535	3220.	"	"
161536	3221.	"	"
161537	3222.	"	"
161538	3223.	"	"
161539	3224.	"	"
161540	3225.	"	"
161541	3226.	"	"
	3227.	"	"
	3228.	"	"
	3229.	"	"
	3230.	"	"
	3231.	"	"

Seib, R.

1978

Darwin Falls, Inyo Co., California

MVZ170767
10-12 June 3232. Chionatus occipitalis

3233. Masticophis flagellum (skeleton)

170768 3234. Phyllorhynchus decurtatus

170769 3235. " "

10 June

3236. Lichanura trivirgata gracia

Approx 4 mile W (by Hwy 190) Darwin Falls, Inyo Co, California

11 June 3237. Phrynosoma platyrhinos

3238. " "

3239. " "

3240. " "

3241. " "

3242. " "

3243. " "

3244. " "

3245. " "

1-10 miles S (on Panamint Valley Rd) jct with St. Hwy 190, Inyo Co., California

11-12 June 3246. Phrynosoma platyrhinos

3247. " "

3248. " "

3249. " "

3250. " "

3251. " "

3252. " "

3253. " "

3254. " "

3255. " "

Seib, R.
1978

1-10 mile S (on Panamint Valley Rd.) jct with St. Hwy. 190 Inyo Co., California

11-12 June 3256. Phrynosoma platyrhinos
3257. " "
3258. " "
3259. " "
3260. " "
3261. " "
3262. " "
3263. " "
3264. " "
3265. " "

Trona, San Bernadino Co., California

MVZ 161456
11 June 3266. Phrynosoma platyrhinos

Approx 5 mile N (by Panamint Valley Rd) Trona, San Bernadino Co, California (In Inyo Co)

161551
12 June 3267. Masticophis flagellum

Viscinity of Kelso Dunes, San Bernadino Co., California

MVZ 161448
12-13 June 3268. Calisaurus draconoides
161449 3269. " "
161450 3270. " "
161451 3271. " "
161452 3272. " "
3273. " " (gone)
3274. " " (gone)
161466 3275. Phrynosoma platyrhinos
161461 3276. " "
161462 3277. " "
161463 3278. " "
161464 3279. " "

Seib, R.

1978

Vicinity of Kelso Dunes, San Bernadino Co, California

161465
12-13 June 3280. Phrynosoma platyrhinos

161466 3281. " "

161467 3282. " "

161468 3283. " "

161469 3284. " "

161518 3285. Uma scoparia

161519 3286. " "

161520 3287. " "

161521 3288. " "

161522 3289. " "

3290. " "

161548 3291. Chionactus occipitalis

161549 3292. " "

161552 3293. Masticophis flagellum

3294. Phyllorhynchus decurtatus

3295. " "

Viscinity of Barstow, San Bernadino Co., California

MVZ 161457
13-14 June 3296. Phrynosoma platyrhinos

161458 3297. " "

161459 3298. " "

MVZ 170765 3299. Chionactus occipitalis

~~170766~~ 3300. " "

MVZ 161547 3301. " "

3302. Leptotyphlops humilis

Bracti Creek on Pit River Branch of Lake Shasta, Shasta Co., California

30 June 3303. Thamnophis couchi FC

1978

Jct Magnolia & 7th, Standard Rd., Kern Co., California

61470 1-2 July	3304.	Phrynosoma coronatum		tissue & chromosomes
61471	3305.	"	"	"
61472 Kristine	3306.	"	"	"
473 Tollestrup	3307.	"	"	"
1474	3308.	"	"	"
61475	3309.	"	"	"
61476	3310.	"	"	"
	3311.	"	"	"

Seib, R.

1978

Finca San Jeronimo, Cacahoatan
7.5 km N (by road) ~~Finca San Jeronimo~~, elev. 760 m, Chiapas, México

11 July	159064	3312.	Coniophanes fissidens	11.2 gm	235 + 109 mm	(eggs)
12	159065	3313.	"	"	10.0	217 + 110
	066	3314.	"	"	6.8	195 + 82
	067	3315.	"	"	15.2 gm	263 + 109 mm (eggs)
	068	3316.	"	"	21.2	311 + 42 (eggs)
	159069	3317.	Geophis nasalis		10.2	218 + 36
	070	3318.	"	"	14.2	262 + 43
	071	3319.	"	"	12.0	252 + 41
	072	3320.	"	"	7.3	205 + 31
	073	3321.	"	"	1.9	126 + 14
	074	3322.	"	"	1.6	119 + 21
	075	3323.	"	"	11.8	244 + 53
	076	3324.	"	"	2.9	138 + 25
	077	3325.	"	"	2.2	128 + 14
	078	3326.	"	"	15.0	260 + 44
	079	3327.	"	"	14.4	259 + 58
	080	3328.	"	"	11.8	243 + 42
	159081	3329.	Ninia diadema		4.3	211 + 114
	159082	3330.	"	"	5.4	218 + 95 (eggs)
	159083	3331.	Ninia sebae		7.0	226 + 55
	084	3332.	"	"	9.3	254 + 67
	085	3333.	"	"	7.8	230 + 75
	086	3334.	"	"	3.1	156 + 41
	087	3335.	"	"	7.0	232 + 78
	088	3336.	"	"	1.2	108 + 36
	089	3337.	"	"	6.6	217 + 72
	159090	3338.	"	"	2.8	154 + 49

Seib, R.
1978

Finca San Jeronimo,
7.5 km (by road) Cacahoatan, elev. 760 m, Chiapas, México

11 July 159091	3339.	Ninia	sebae	5.9 gm	215 + 72 mm
092	3340.	"	"	2.1	136 + 34
093	3341.	"	"	0.6	97 + 25
094	3342.	"	"	7.5	252 + 63
095	3343	"	"	2.7	143 + 35
096	3344.	"	"	3.5	164 + 42
097	3345.	"	"	12.2	277 + 71
098	3346.	"	"	8.8	243 + 57
099	3347.	"	"	8.0	244 + 86
100	3348.	"	"	8.0	244 + 87
101	3349.	"	"	1.0	104 + 26
102	3350.	"	"	8.2	237 + 76
103	3351.	"	"	1.3	112 + 34
104	3352.	"	"	8.5	242 + 78
105	3353.	"	"	1.1	109 + 35
106	3354.	"	"	8.6	249 + 59
107	3355.	"	"	6.4	216 + 73
108	3356.	"	"	9.3	252 + 67
159109	3357.	Pliocercus	elapoides	22.5	290 + 237
110	3358.	"	"	29.4	332 + 220 (eggs)
111	3359.	"	"	6.4	202 + 125
112	3360.	"	"	9.8	225 + 142
113	3361.	"	"	18.8	271 + 147
159114	3362.	Tantilla	tayrae	10.5	298 + 70
159115	3363.	Micrurus	nigrocinctus	5.5	216 + 34
116	3364.	"	"	25.4	460 + 71
159117	3365.	Bufo	canaliferous		

Seib, R.
1978

Finca San Jeronimo, 7.5 km (by road) Cacahatan, elev. 760 m, Chiapas, Mexico

159118 11 July	3366. Bufo canaliferous
MVZ 159119	3367. Eleutherodactylus rhodopsis
120	3368. " "
121	3369. " "
122	3370. " "
123	3371. " "
124	3372. " "
125	3373. " "
126	3374. " "
127	3375. " "
159 128	3376. Eleutherodactylus rugulosus
159 129	3377. Anolis dollfusianus
130	3378. " "
131	3379. " "
132	3380. " "
133	3381. " "
134	3382. " "
159 135	3383. Scincella assatum

Cuyotenango, 7 km W (by hwy) Mazatenango, Dept. Suchitepequez, Guatemala

CAS 152145 12 July	3384. Gonatodes
152146	3385. "
152147	3386. "
152148	3387. "
152149	3388. Lepidophyma flavimaculata
152150	3389. Basiliscus vittatus
152151	3390. Typhlops braminus
152152	3391. " "

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1978

Cuyotenango, 7km W (by hwy) Mazatenango, Dept Suchitepequez, Guatemala

CAS 152153 12 July	3392. Typhlops braminus			
152154	3393. " "			
152155	3394. Ninia sebae			
	3395. Xenodon			

Mazatenango, Dept. Suchitepequez, Guatemala

CAS 152156 12 July	3396. Ameiva			
CAS 152157	3397. Coniophanes fissidens			

Finca El Volcan, 875m elev., 25 km NW (by road) Senahue, Alta Verapaz, Guatemala

♀ MVZ 154863 16 July	3398. Ninia sebae	6.4 gm	220+57 mm	
154879	3399. Tantilla schistosa	1.4 gm	128+20	
154864 17 July	3400. Ninia sebae (regurgitated earthworm)	2.6	174+46	
154880	3401. Tantilla schistosa	1.2	135+28	
154885	3402. Micrurus diastema	21.4	420+74	
154865	3403. Ninia sebae	1.2	116+35	
866	3404. " "	0.8	108+26	
867	3405. " "	1.0	110+31	
868	3406. " "	4.1	192+63	
154881	3407. Tantilla schistosa	1.3	132+28	
154882	3408. " schistosa	1.5	139+36	shed
154886	3409. Micrurus diastema	36.5	586+72	
887	3410. " diastema	6.6	305+42	
18 July	3411. Ninia sebae	7.7	231+78	
154870	3412. " "	6.6	204+52	
871	3413. " "	6.8	212+54	eggs
872	3414. " "	7.8	220+50	eggs
873	3415. " "	6.4	222+83	

Sep, 1978

Finca El Volcan, elev. 875 m, 25 km. NW (by road) Senahue, Alta Verapaz, Guatemala

159874 18 July	3416. Ninia sebae	2.4 gm.	166 + 49 mm.
875	3417. " "	5.4	237 + 62
876	3418. " "	6.2	232 + 72
159883	3419. Tantilla schistosa	0.6	94 + 24
884	3420. " schistosa	0.7	101 + 25
159888	3421. Micrurus diastema	9.8	365 + 41

Finca El Volcan, elev. 1300 m, 25 km NW (by road) Senahue, ~~3[illegible]~~. Alta Verapaz, Guatemala

18 July	3422. Lepidophyma (3422A, 3422B)	fluvimaculata [3 specimens]
MVZ 159860	3423. Ninia maculata pavimentata	

Finca El Volcan, elev 875 m., 25 km NW (by road) Senahue, Alta Verapaz, Guatemala

89 18 July	3424. Micrurus diastema	2.2 gm	200 + 24 mm

Finca El Volcan, elev 1300 m, 25 km NW (by road) Senahue, Alta Verapaz, Guatemala

MVZ 159861 19 July	3425. Ninia maculata pavimentata	
MVZ 159862	3426. Pliocercus elapoides	

Finca El Volcan, 875 m, 25 km NW (by road) Senahue, Alta Verapaz, Guatemala

159857	3427. Conicophanes fissidens	8.0 gm	214 + 107 mm	
159858	3428. Ninia diademata	1.1	120 + 56	
159859	3429. " "	1.2	123 + 75	
159877	3430. Ninia sebae	2.1	142 + 39	(regurgitated earthworm)
159878	3431. " "	0.8	105 + 27	

10.1 km SE (by Mex hwy 190) San Cristobal las Casas and 3 km E (by road to Palenque) hwy 190, Chiapas, México

27 July	3432. Bothrops godmani

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1978

Amparo Agua Tinta (Santa Elena), elev. 740m, 36 km E (hyrd.) Laguna Montebello, Chiapas, México

159000 28 July	3433.	Scincella		
159001	3434.	"		
002	3435.	Ninia	sebae	4.6 gm. 207 + 64 mm.
03	3436.	Ninia	sebae	7.5 228 + 55
04	3437.	"	"	11.6 284 + 67
05	3438.	"	"	4.6 211 + 63
06	3439.	"	"	7.6 251 + 60
07	3440.	"	"	6.2 239 + 73 <--
08	3441.	"	"	6.1 248 + 75
09	3442.	"	"	~~1.5~~ 1.4 ~~256~~ 233 + ~~62~~ 33
010	3443.	"	"	1.6 177 + 28
011	3444.	"	"	0.9 103 + 27
012	3445.	"	"	1.5 130 + 38
013	3446.	"	"	1.0 110 + 32
014	3447.	"	"	5.5 208 + 63
015	3448.	"	"	1.4 119 + 27
016	3449.	"	"	5.6 232 + 70
017	3450.	"	"	1.6 128 + 26
018	3451.	"	"	0.8 111 + 25
019	3452.	"	"	1.4 126 + 27
020	3453.	"	"	0.7 103 + 24
021	3454.	"	"	0.8 118 + 33
022	3455.	"	"	1.0 112 + 28
023	3456.	"	"	0.7 98 + 26
024	3457.	"	"	6.0 210 + 52
025	3458.	"	"	1.5 130 + 31
159026	3459.	"	"	1.4 128 + 35

Seib, R.

1978

Amparo Agua Tinta (Santa Elena), 36 km E (by rd.) Laguna Montebello, elev. 740 m, Chiapas, México

28 July 154027	3460.	Ninia	sebae	0.9 gm.	108+30 mm.
154028	3461.	"	"	0.9	109+28
154029	3462.	"	"	0.9	118+35
030	3463.	"	"	1.5	130+32
031	3464.	"	"	4.6	202+63
032	3465.	"	"	1.9	140+32
033	3466.	"	"	4.1	215+66
034	3467.	"	"	1.3	125+31
035	3468.	"	"	2.9	165+50
036	3469.	"	"	1.7	140+40
037	3470.	"	"	0.6	94+23
038	3471.	"	"	5.8	223+74
039	3472.	"	"	5.1	244+60
040	3473.	"	"	0.8	105+26
041	3474.	"	"	1.4	121+29
042	3475.	"	"	0.8	105+25
159 043	3476.	"	"	1.3	125+29.
Collected CAS 152158	3477.	"	"	0.8	105+26
154044	3478.	"	"	1.1	125+28
045	3479.	"	"	0.8	102+29
046	3480.	"	"	1.0	104+29
047	3481.	"	"	7.0	239+55
048	3482.	"	"	0.7	102+20
049	3483.	"	"	2.0	144+32
050	3484.	"	"	0.8	107+23
154051	3485.	"	"	5.6	207+50

Seib, R.

1978

Amparo Agua Tinta (Santa Elena), 36 km E (by road) Laguna Montebello, Chiapas, Mexico, elev. 740 m

28 July 159052	3486.	Ninia sebae	4.0 gm.	190+50 mm.
159053	3487.	" "	6.8	241+56
054	3488.	" "	6.2	220+52
055	3489.	" "	5.8	227+72
056	3490.	" "	1.7	139+32
057	3491.	" "	5.7	242+73
159058	3492.	" "	9.8	256+63
159059	3493.	Pliocercus elapoides	33.8	308+165 Broken
159060	3494.	" "	17.0	270+178
159061	3495.	Micrurus diastema	23.5	443+51
159062	3496.	" "	33.4	555+60
159063	3497.	Micrurus "	3.6	235+25
	3498.	Bolitoglossa mexicana		
	3499.	" "		
	3500.	" "		
	3501.	" "		
	3502.	" "		

6 km N (by road) Motozintla, elev. 1100 m, Chiapas, México

29 July	3503.	Oxybelis aeneus		

Finca San Jeronimo, 7.5 km (by rd.) Cacahoatan, elev. 760 m, Chiapas, México

30 July 159137	3504.	Coniophanes fissidens	12.8 gm.	267+130 mm.
MVZ 159138	3505.	" "	10.5	228+130
159139	3506.	" "	8.9	222+98
140	3507.	" "	14.2	282+69 Broken
141	3508.	" "	11.2	232+109
142	3509.	" "	11.0	250+114

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1978

Finca San Jeronimo, 7.5 km N (by rd.) Cacahoatan, elev. 760 m., Chiapas, México

30 July	159143	3510. Coniophanes fissidens	4.1 gm.	160 + 66 mm.
	159154	3511. Drymobius margaritiferus		
	159153	3512. Geophis nasalis	12.2	276 + 45
	4	3513. " "	5.2	212 + 42
	5	3514. " "	8.0	206 + 33
	6	3515. " "	7.7	225 + 76
	7	3516. " "	1.5	120 + 15
	8	3517. " "	3.0	152 + 22
	159159	3518. " "	12.0	235 + 36
	159166	3519. Ninia diadema	2.8	185 + 81
	159167	3520. " "	2.8	171 + 89
	159168	3521. " "	2.6	170 + 91
	159136 ?	3522. Rhadinaea posadasi	4.5	195 + 109 eggs
	159169	3523. Ninia sebae	2.6	137 + 42
	170	3524. " "	12.8	286 + 80
	71	3525. " "	2.9	165 + 44
	72	3526. " "	8.8	249 + 64
	73	3527. " "	3.5	153 + 46
	74	3528. " "	1.3	115 + 30
	75	3529. " "	3.9	172 + 55
	76	3530. " "	2.0	135 + 32
	77	3531. " "	3.5	176 + 55
	159178	3532. " "	5.6	222 + 72
	159198	3533. Pliocercus elapoides	14.0	268 + 125 Broken
	199	3534. " "	16.3	248 + 215
	200	3535. " "	4.3	175 + 111
	201	3536. " "	13.0	Blood & Tissue for Cadle 240 + 40 Est

Seib, R.

1978

Finca San Jeronimo, 7.5 km (by rd.) Cacahoutan, elev. 760 m., Chiapas, Mexico

30 July 159203	3537.	Tantilla tayrae ~~mexicana~~	7.6 gm.	256+64 mm.
159204	3538.	Micrurus nigrocinctus	6.6	270+44
159205	3539.	"	34.2	595+67
206	3540.	Bufo coniferus		
207	3541.	Eleutherodactylus rhodopsis		
208	3542.	"	"	
209	3543.	"	"	
210	3544.	"	"	
211	3545.	"	"	
212	3546.	"	"	
213	3547.	"	"	
214	3548.	"	"	
215	3549.	"	"	
216	3550.	"	"	
217	3551.	"	"	
218	3552.	"	"	
219	3553.	"	"	
220	3554.	"	"	
221	3555.	"	"	
159222	3556.	"	"	
159225	3557.	Eleutherodactylus rugulosis		
226	3558.	"	"	
MVZ 159238	3559.	Basiliscus vittatus		
159227	3560.	Anolis		
228	3561.	"		
229	3562.	"		
230	3563.	"		

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1978

Finca San Jeronimo, 7.5 km (by rd.) Cacahoatan, elev. 760 m., Chiapas, México

30 July	231	3564.	Anolis	1	
	232	3565.	"		
	233	3566.	"		
→ afternoon sample	234	3567.	"		
	235	3568.	"		
	236	3569.	"		
	237	3570.	"		
	159223	3571.	Eleutherodactylus rhodopsis		
	224	3572.	"	"	
	159144	3573.	Coniophanes fissidens	12.5 gm.	257+137 mm.
	HT	3574.	"	"	4.8	174+78
	146	3575.	"	"	2.0	126+53
	147	3576.	"	"	9.2	247+40 Broken
	148	3577.	"	"	9.3	234+115
	149	3578.	"	"	12.5	253+53 Broken
	150	3579.	"	"	12.3	253+129
	159152	3580.	Prymobius margaratiferus	sent to Mexico	
	159160	3581.	Geophis nasalis	5.8	193+30
	1	3582.	"	"	9.2	225+50
	2	3583.	"	"	15.8	265+45 eggs
1259	♀	3584.	"	"	14.8	245+44 eggs
	♂	3585.	"	"	2.9	140+19 Broken
	♂	3586.	"	"	7.4	210+45
	159166	3587.	"	"	5.4	202+34
	159179	3588.	Ninia sebae		1.1	126+31
	180	3589.	"	"	1.5	127+38
	181	3590.	"	"	3.2	166+40

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1978

Finca San Jeronimo, 7.5 km (by rd.) Cacahoatan, elev. 760 m., Chiapas, México

30 July 182	3591.	Ninia	sebae	6.4 gm.	228+74 mm.
183	3592.	"	"	4.3	190+49
184	3593.	"	"	8.3	238+82
185	3594.	"	"	1.5	123+35
186	3595.	"	"	6.0	226+75
187	3596.	"	"	7.0	235+84
188	3597.	"	"	4.0	174+56
189	3598.	"	"	10.6	240+60 eggs
159190	3599.	"	"	1.2	112+26
191	3600.	"	"	7.0	228+74
192	3601.	"	"	2.9	152+48
193	3602.	"	"	8.2	247+64
194	3603.	"	"	2.4	145+34
195	3604.	"	"	2.9	151+46
196	3605.	"	"	8.5	241+80
159197	3606.	"	"	2.6	147+40
159202	3607.	Pliocercus	elapoides	7.3	209+45 Broken

Colonia [redacted] Talquian, 3 km. N (by rd.) Union Juarez, elev. 1650, Chiapas México

170329 30 July 170336	3608.	Bufo	taeanensis		
	3609.	"	"		
159442	3610.	Eleutherodactylus	rhodopsis		
	3611.	Anolis			
159454	3612.	Geophis	immaculatus	6.4	202+42
159455	3613.	"	"	1.9	131+19
159456	3614.	"	"	3.0	156+24
159457	3615.	"	"	1.9	125+20

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1978

159360 Carahoatan, elev. 550m, Chiapas, México

31 July 3616. Tropidodipsas sartori 29.7 gm. 438+116 mm.

Finca San Jeronimo, 7.5 km (byrd.) Carahoatan, elev. 760m, Chiapas México

159239 31 July 3617. Adelphicos quadrivirgatus 5.5 gm. 208+35 mm.

159240 3618. " " 6.2 209+26

241 3619. " " 3.5 172+28

242 3620. " " 1.0 116+16

159244 3621. Coniophanes fissidens 4.4 169+87

245 3622. " " 9.2 240+22 Broken

246 3623. " " 8.6 240+25 "

247 3624. " " 7.7 215+100

248 3625. " " 7.6 207+90

249 3626. " " 1.4 112+52

159250 3627. " " 12.0 257+125

251 3628. " " 2.1 122+57

252 3629. " " 6.4 202+91

253 3630. " " 4.1 167+42 Broken

254 3631. " " 8.4 222+107

255 3632. " " 10.8 257+14 Broken, eggs

256 3633. " " 10.9 242+133

257 3634. " " 6.4 220+33 Broken

159258 3635. " " 9.8 242+27 Broken

159260 3636. Drymobius margaritiferus 88.0 542+152 "

261 3637. " " 51.5 485+292

262 3638. " " 17.4 318+182

263 3639. " " 40.2 435+251

264 3640. " " 42.5 455+274

159265 3641. Geophis nasalis 2.5 140+19

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1978

Finca San Jeronimo, 7.5 km (by rd.) Cacahoatan, elev. 760 m, Chiapas, México

31 July 266	3642.	Geophis nasalis	15.2 gm	262+40 mm.
267	3643.	" "	9.9	218+44
268	3644.	" "	8.0	212+35
269	3645.	" "	4.8	164+23
270	3646.	" "	12.2	242+58 mm
271	3647.	" "	8.1	233+52
272	3648.	" "	3.3	152+24
273	3649.	" "	2.4	146+21
274	3650.	" "	3.2	157+24
159243	3651.	Clelia scytalina	12.8	303+66
275	3652.	Ninia diademata	1.8	153+67
276	3653.	" "	5.4	220+127
277	3654.	" "	3.7	206+92
278	3655.	" "	1.0	122+62
279	3656.	" "	0.7	108+55
280	3657.	Ninia sebae	1.9	140+39
281	3658.	" "	1.6	128+33
282	3659.	" "	2.4	153+40
283	3660.	" "	2.0	127+52
284	3661.	" "	1.0	97+30
285	3662.	" "	2.4	142+37
286	3663.	" "	6.1	222+68
287	3664.	" "	3.1	159+42
288	3665.	" "	1.5	116+35
289	3666.	" "	6.6	228+75
290	3667.	" "	1.4	130+34
291	3668.	" "	6.8	215+69

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1978

Finca, San Jeronimo, 7.5 km N (by rd.) Acahoatan, elev. 760 m, Chiapas, México

31 July 293	3669.	Ninia sebae	7.8	238+60
293	3670.	" "	1.7	132+33
294	3671.	" "	2.2	148+39
295	3672.	" "	1.9	132+41
296	3673.	" "	7.9	230+56
297	3674.	" "	3.4	157+40
298	3675.	" "	4.6	184+57
299	3676.	" "	1.4	118+37
159300	3677.	" "	0.9	105+32
301	3678.	" "	3.1	166+52
302	3679.	" "	8.8	248+63
303	3680.	Pliocercus elapoides	16.5	264+188
304	3681.	" "	3.5	164+16 Broken
305	3682.	" "	14.3	255+202
306	3683.	" "	22.0 +3.5	308+202 (+4.1 sewn)
307	3684.	" "	21.8	305+247
308	3685.	" "	12.0	240+47 Broken
309	3686.	" "	8.1	220+152
310	3687.	Tropidodipsas sartori	12.8	285+63
159311	3688.	Micrurus nigrocinctus	7.0	240+33
159312	3689.	" "	6.4	268+29
159313	3690.	" "	Blood & Tissue for Cadle	
314	3691.	Eleutherodactylus rhodopsis		
315	3692.	" "		
316	3693.	" "		
317	3694.	" "		
318	3695.	" "		

Seib, R.

1978

Finca San Jeronimo, 7.5 km. (by rd.) Cacahoatan, elev. 760 m., Chiapas, Mexico

159 319 31 July	3696.	Eleutherodactylus rhodopsis			
159361	3697.	Anolis			
362	3698.	"			
363	3699.	"			
364	3700.	"			
159320	3701.	Dermophis mexicana			
321	3702.	"	"		
322	3703.	"	"		
323	3704.	"	"		
324	3705.	"	"		
325	3706.	"	"		
159326	3707.	"	"		

Upper Union Juarez, Volcan Tacana, elev. 1300 m, Chiapas, Mexico

31 July	3708.	Bolitoglossa occidentalis			
	3709.	"	"		
	3710.	"	"		
	3711.	"	"		
159427	3712.	Eleutherodactylus rhodopsis			
428	3713.	"	"		
429	3714.	"	"		
430	3715.	Adelphicos quadrivirgatus		0.6 gm.	96+13 mm.
431	3716.	"	"	6.8	242+34
432	3717.	"	"	0.4	90+14
433	3718.	"	"	8.8	252+32
434	3719.	"	"	5.4	212+29
435	3720.	"	"	5.1	232+35
436	3721.	"	"	6.7	212+40

Stib, R.

1978

Upper Union Juarez, Volcan Tacana, elev 1300m., Chiapas, México

31 July	437	3722.	Geophis cancellatus	9.6	297+25
	438	3723.	Geophis nasalis	25.8	312+50 eggs
	439	3724.	" "	17.4	264+47 eggs
	440	3725.	" "	3.0	157+30
	441	3726.	Rhadinaea hannsteini	3.5	202+80
		3727.	Marmosa		
		3728.	"		

Colonia Talquian, Volcan Tacana, elev. 1650m., Chiapas México

31 July	159445	3729.	Bufo tacanensis	
	159446	3730.	" "	
	159447	3731.	" "	
	159448	3732.	" "	
MVZ	159443	3733.	Eleutherodactylus matudai	
	159444	3734.	" "	
	159934	3735.	" "	
	159449	3736.	Plectrohyla	
	159450	3737.	"	
	159451	3738.	Plectrohyla guatemalensis	
	159452	3739.	Sceloporus smaragdinus	
	159453	3740.	" "	
	159458	3741.	Geophis immaculatus	
	15459	3742.	Tropidoclipsas fasciata	
	159460	3743.	Bothrops bicolor	(rodent hair in stomach; not gravid)

Cloud forest above Colonia Talquian at elev. 2000m., Volcan Tacana, Chiapas, México

31 July		3744.	Bolitoglossa franklini	
		3745.	Bolitoglossa ingleby hardti	

Stib, R.
1978

Cornfield in previous cloud forest above Colonia Talquian at elev. 2100m,
31 July — Volcan Tacaná, Chiapas, México
3746. Bolitoglossa flavimembris
3747. " "
1 9461 — 3748. " " dead
Corn field in previous cloud forest above Colonia Talquian at elev. 2150m,
Volcan Tacaná, Chiapas, México
2 31 July — 3749. Anolis
15 1463 — 3750. Anolis
464 — 3751. "
465 — 3752. "
66 — 3753. "
67 — 3754. "
68 — 3755. "
69 — 3756. "
70 — 3757. "
71 — 3758. "
72 — 3759. "
73 — 3760. "
74 — 3761. "
75 — 3762. "
76 — 3763. "
77 — 3764. "
78 — 3765. "
79 — 3766. "
80 — 3767. "
81 — 3768. "
82 — 3769. "

Seib, R.
1978

(Corn field in previous cloud forest above Colonia Talquian at elev 2150 m.)

31 July	Volcan Tacaná, Chiapas, Mexico			
159483	3770.	Anolis		
484	3771.	"		
85	3772.	"		
86	3773.	"		
87	3774.	"		
88	3775.	"		
89	3776.	"		
90	3777.	"		
91	3778.	"		
92	3779.	"		
93	3780.	"		
159494	3781.	"		
	3782.	"		
	3783.	"		
	3784.	"		
	3785.	"		
	3786.	"		
	3787.	"		
	3788.	"		
	3789.	"		
159495	3790.	Barisia	morleti	rafaeli
496	3791.	"	"	"
497	3792.	"	"	"
498	3793.	"	"	"
499	3794.	"	"	"
159500	3795.	"	"	"

Seib, R.
1978

Corn field in previous cloud forest above Colonia Talquian at elev. 2150 m.,

31 July	Volcan Tacaná, Chiapas, México				
159501	3796.	Barisia	moreleti	rafaeli	
159502	3797.	"	"	"	
159503	3798.	"	"	"	
159504	3799.	"	"	"	
159505	3800.	"	"	"	
159506	3801.	Rhadinaea	lachrymans		
159507	3802.	Plectrohyla	avia		
159508	3803.	"	avia		
159509	3804.	Plectrohyla	sagorum		

Finca Santa Julia, 1¼ km E, 3/4 km S, San Rafael Pie de la Cuesta, elev. 1100 m,
San Marcos, Guatemala

159537 2 Aug	3805.	Adelphicos	quadrivirgatus	9.0 gm.	253+41 mm.
538	3806.	"	"	5.5	218+28
539	3807.	"	"	6.3	229+37
159601 ~~540~~	3808.	"	"	12.7	288+37
540	3809.	"	"	1.8	126+20
541	3810.	"	"	5.6	207+34
542	3811.	"	"	11.2	306+40
543	3812.	"	"	6.9	237+42
544	3813.	"	"	5.6	218+27
545	3814.	"	"	7.6	228+38
546	3815.	"	"	5.0	182+32
547	3816.	"	"	9.3	246+44
548	3817.	"	"	15.0	275+38
549	3818.	"	"	9.1	258+34
550	3819.	"	"	15.8 gm	318+36

Seib, R.
1978

Finca Santa Julia, 1¼ km E, ¾ km S, San Rafael el Pie de la Cuesta, elev. 1100 m, San Marcos, Guatemala

2 A 4g 159551	3820.	Adelphicos quadrivirgatus		8.5 gm.	242+37 mm.
552	3821.	"	"	12.9	296+36
553	3822.	"	"	13.8	302+35
554	3823.	"	"	~~3.5~~ 1.2	~~275+28~~ 116+14
159602 —	3824.	"	"	2.3	150+21
555	3825.	"	"	2.3	164+20
556	3826.	"	"	8.0	246+39
557	3827.	"	"	6.6	220+37
558	3828.	"	"	7.8	245+32
559	3829.	"	"	7.1	235+31
560	3830.	"	"	1.4	122+20
159596	3831.	Coniophanes fissidens		53	475+38 (br)
597	3832.	"	"	8.3	233+122
598	3833.	"	"	22.2	306+51 (br)
159801	3834.	~~Drymobius chloroticus~~ Mastigodryas melanolomus		124	758+60 (br)
159604	3835.	Drymobius	Chloroticus	4.1	202+90
159606	3836.	Drymobius	margaritiferus	Too large to weigh	635+202 (br)
159607	3837.	Geophis nasalis		♀ 11.0	261+42
608	3838.	"	"	♀ 14.5	251+35
609	3839.	"	"	♀ 1.2	130+19
610	3840.	"	"	♂ 2.9	149+28
611	3841.	"	"	♀ 9.7	255+42
612	3842.	"	"	♀ 6.0	199+30
613	3843.	"	"	♂ 10.5	232+46
614	3844.	"	"	♂ 6.0	196+37
615	3845.	"	"	♀ 3.0	152+20

Seib, R.
1978

Finca Santa Julia, 1¼ km E, ¾ km S, San Rafael Pie de la Cuesta, elev. 1100 m, San Marcos, Guatemala

2 Aug 159616	3846.	Geophis	nasalis	♀	1.7 gm.	133 + 18 mm.
617	3847.	"	"	♀	21.0	271 + 39
618	3848.	"	"	♀	0.9	105 + 14
619	3849.	"	"	♀	17.9	266 + 43
620	3850.	"	"	♂	16.0	268 + 55
621	3851.	"	"	♀	19.5	277 + 42
622	3852.	"	"	♂	18.2	280 + 53
623	3853.	"	"	♀	16.8	252 + 38
624	3854.	"	"	♂	12.5	242 + 51
25	3855.	"	"	♂	3.8	152 + 25
26	3856.	"	"	♂	1.5	115 + 21
27	3857.	"	"	♂	11	236 + 51
28	3858.	"	"	♀	13.8	237 + 35
29	3859.	"	"	♀	0.9	108 + 15
630	3860.	"	"	♂	11.0	252 + 51
31	3861.	"	"	♀	5.0	172 + 27
32	3862.	"	"	♂	5.0	170 + 31
33	3863.	"	"	♀	1.7	134 + 18
34	3864.	"	"	♂	3.3	155 + 29
35	3865.	"	"	♂	2.0	135 + 24
36	3866.	"	"	♂	8.0	201. + 41
37	3867.	"	"	♂	11.5	240 + 50
38	3868.	"	"	♂	12.5	238 + 53
39	3869.	"	"	♀	3.6	159 + 23
640	3870	"	"	♂	4.0	162 + 33
159641	3871.	"	"	♀	10.0	222 + 33

Seib, R.
1978

Finca Santa Julia, 1¼ km E, ¾ km S, San Rafael Pie de la Cuesta, elev. 1100 m, San Marcos, Guatemala

2 Aug 159642	3872.	Geophis nasalis	♂ 5.5 gm.	172+29 mm.
43	3873.	" "	♀ 12.5	246+40
4	3874.	" "	♀ 2.3	142+29
5	3875.	" "	♀ 15.0	271+40
6	3876.	" "	♂ 10.5	229+44
7	3877.	" "	♀ 14.0	243+40
8	3878.	" "	♀ 21.0	308+48
9	3879.	" "	♂ 1.1	114+19
159650	3880.	" "	♂ 4.5	184+34
1	3881.	" "	♀ 12.8	265+42
2	3882.	" "	♀ 19.2	270+41
3	3883.	" "	♀ 17.7	252+23
4	3884.	" "	♀ 3.5	140+18
5	3885.	" "	♀ 23.5	291+42
6	3886.	" "	♀ 6.2	202+32
159657	3887.	" "	♂ 9.5	224+41
58	3888.	" "	♀ 26.0	293+47
59	3889.	" "	♀ 6.7	193+30
159660	3890.	" "	♂ 4.5	163+31
1	3891.	" "	♂ 16.3	265+55
2	3892.	" "	♀ 15.0	259+39
159663	3893.	" "	♂ 3.2	151+26
159701	3894.	" "	♂ 15.5	265+57
159664	3895.	" "	♀ 17.0	260+40
5	3896.	" "	♀ 21.2	269+41
6	3897.	" "	♀ 11.0	232+37

Seib, R.
1978

Finca Santa Julia, 1¼ km E, ¾ km S, San Rafael Pie de la Cuesta, elev. 1100m, San Marcos, Guatemala

2 Aug	7	3898.	Geophis nasalis	♂	9.5 gm	225+25 mm
	8	3899.	" "	♂	13.0	261+50
		3900.	" "	♀	20.0	253+41
159670		3901.	" "	♀	4.6	175+25
	1	3902.	" "	♂	3.0	153+30
	2	3903.	" "	♀	14.0	251+40
	3	3904.	" "	♂	15.5	263+47
	4	3905.	" "	♀	1.5	127+17
	5	3906.	" "	♂	2.0	132+23
	6	3907.	" "	♀	15.0	250+32
	7	3908.	" "	♀	19.0	270+40
	8	3909.	" "	♀	21.0	268+44
159679		3910.	" "	♂	10.3	222+41
159680		3911.	" "	♀	3.0	159+23
	1	3912.	" "	♀	5.9	214+31
	2	3913.	" "	♂	7.7	209+38
	3	3914.	" "	♀	11.0	255+43
	4	3915.	" "	♂	15.0	262+55
	5	3916.	" "	♂	3.0	164+28
	6	3917.	" "	♀	2.4	148+23
	7	3918.	" "	♂	3.6	150+28
	8	3919.	" "	♀	9.0	220+37
	9	3920.	" "	♀	7.0	200+31
	90	3921.	" "	♂	11.0	232+48
	1	3922.	" "	♂	6.5	185+34
	2	3923.	" "	♀	1.9	136+18

Seib, R.
1978

Finca Santa Julia, 1½ km E, ¾ km S, San Rafael Pie de la Cuesta, elev. 1100m, San Marcos, Guatemala

2 Aug	3	3924.	Geophis nasalis	♂	1.9 gm.	129+21 mm.
	4	3925.	"	"	♀ 5.0	183+30
	5	3926.	"	"	♀ 14.7	248+40
	6	3927.	"	"	♀ 11.0	249+40
	7	3928.	"	"	♂ 4.8	176+32
	8	3929.	"	"	♀ 4.8	177+26
	9	3930.	"	"	♀ 4.0	182+25
	159700	3931.	"	"	♀ 4.6	155+23
	159802	3932.	Mastigodryas melanolomus		10.5	314+115
	159805	3933.	Ninia diadema		6.1	257+135
	159806	3934.	"	"	3.8	212+91
	159807	3935.	"	"	0.6	95+47
	159811	3936.	Ninia sebae		6.4	225+76
	12	3937.	"	"	4.2	175+54
	13	3938.	"	"	4.7	187+49
	14	3939.	"	"	9.4	256+88
	15	3940.	"	"	1.6	128+32
	16	3941.	"	"	12.0	281+94
	17	3942.	"	"	8.2	242+74
	18	3943.	"	"	8.5	247+85
	19	3944.	"	"	19.0	318+78
	20	3945.	"	"	2.1	145+35
	21	3946.	"	"	9.4	262+76
	22	3947.	"	"	12.5	285+69
	23	3948.	"	"	19.8	318+78
	159824	3949.	"	"	13.0	271+64

Seib, R.
1978

Finca Santa Julia, 1¼km, ¾km S, San Rafael Pie de la Cuesta, el ev. 1100m, San Marcos, Guatemala

2 Aug	159841	3950.	Rhadinaea hannsteini	1.9 gm.	159+51 mm
	159842	3951.	" "	0.9	130+41
	159843	3952.	" "	3.6	192+67
	159844	3953.	" "	5.8	154+81
	159854	3954.	Micrurus nigrocinctus	57	598+68
	159561	3955.	Adelphicos quadrivirgatus	9.6	268+37
	562	3956.	" "	4.2	191+32
	563	3957.	" "	1.0	116+11
	564	3958.	" "	9.2	265+30
	565	3959.	" "	12.7	290+36
	566	3960.	" "	0.8	111+12
	567	3961.	" "	12.3	240+32
	568	3962.	" "	4.0	191+32
	569	3963.	" "	1.2	124+15
	570	3964.	" "	1.4	123+15
	571	3965.	" "	1.1	120+14
	2	3966.	" "	5.4	225+30
	3	3967.	" "	1.2	117+17
	4	3968.	" "	1.9	139+18
	575	3969.	" "	10.2	293+33
	6	3970.	" "	3.0	162+26
	7	3971.	" "	1.6	145+17
	8	3972.	" "	5.6	214+37
	579	3973.	" "	4.5	186+33
	80	3974.	" "	0.9	112+14
	81	3975.	" "	1.3	131+21

Seib, R.
1978

Finca Santa Julia, 1¼km E, ¾km S, San Rafael Pie de la Cuesta, elev. 1100m, San Marcos, Guatemala

2 Aug 582	3976.	Adelphicos quadrivirgatus		0.9	114 ± 13
583	3977.	"	"	4.0	204 ± 23
159603 —	3978.	"	"	5.0	216 ± 37
584	3979.	"	"	8.1	257 ± 27
585	3980.	"	"	6.1	230 ± 38
586	3981.	"	"	5.1	252 ± 25
587	3982.	"	"	6.3	228 ± 42
159599	3983.	Coniophanes fissidens		8.9	228 ± 56
159803	3984.	~~Drymobius chloroticus~~ Mastigodryas melanolomus		37	495 ± 205
159703	3985.	Geophis nasalis	♂	7.1	208 ± 37
703	3986.	"	♂	5.0	168 ± 30
704	3987.	"	♀	3.3	164 ± 23
05	3988.	"	♂	6.8	200 ± 39
6	3989.	"	♀	14.6	252 ± 37
7	3990.	"	♀	9.2	217 ± 31
8	3991.	"	♂	5.6	192 ± 35
9	3992.	"	♀	11.5	236 ± 37
10	3993.	"	♂	10.5	230 ± 45
11	3994.	"	♀	10.4	230 ± 37
12	3995.	"	♀	9.1	225 ± 34
13	3996.	"	♂	2.1	134 ± 25
14	3997.	"	♀	3.8	169 ± 26
15	3998.	"	♂	10.8	218 ± 47
16	3999.	"	♀	3.9	160 ± 22
17	4000.	"	♂	11.6	249 ± 52
718	4001.	"	♂	2.0	136 ± 25

Seib, R.
1978

Finca Santa Julia, 1¼ km E, ¾ km S, San Rafael Pie de la Cuesta, elev. 1100m, San Marcos, Guatemala

2 Aug 79	4002	Geophis nasalis		3.2	156 + 22
720	4003.	"	"	♂ 9.7	227 + 42
721	4004.	"	"	♂ 3.1	157 + 30
159722	4005.	"	"	♂ 9.3	220 + 44
3	4006.	"	"	♀ 1.8	120 + 16
4	4007.	"	"	♂ 9.0	227 + 48
5	4008.	"	"	♀ 5.2	180 + 27
6	4009.	"	"	♂ 8.2	211 + 39
7	4010.	"	"	♀ 4.4	207 + 33
8	4011.	"	"	♀ 6.8	197 + 32
9	4012.	"	"	♂ 11.0	225 + 47
30	4013.	"	"	♂ 8.7	215 + 42
31	4014.	"	"	♀ 11.2	250 + 34
2	4015,	"	"	♂ 3.7	162 + 30
3	4016.	"	"	♀ 1.8	126 + 21
4	4017.	"	"	♂ 1.8	124 + 21
5	4018.	"	"	♂ 1.0	107 + 20
6	4019.	"	"	♀ 13.0	249 + 38
7	4020.	"	"	♂ 9.2	227 + 50
8	4021.	"	"	♂ 9.5	209 + 45
9	4022.	"	"	♀ 12.2	230 + 38
40	4023.	"	"	♀ 5.4	188 + 29
1	4024.	"	"	♀ 22.5	278 + 46
2	4025.	"	"	♀ 21.0	285 + 42
3	4026.	"	"	♀ 4.7	142 + 28
4	4027.	"	"	♀ 10.3	220 + 37

Seib, R.
1978

Finca Santa Julia, 1¼ km E, ¾ km S, San Rafael Pie de la Cuesta, elev. 1100m, San Marcos, Guatemala

2 Aug	5	4028.	*Geophis nasalis*	♀ 19.5	276+46
	6	4029.	" "	♀ 12.8	233+40
	7	4030.	" "	♀ 6.1	189+27
	8	4031.	" "	♀ 17.5	267+44
	9	4032.	" "	♂ 3.2	157+28
	750	4033.	" "	♀ 18.2	269+38
	7:1	4034.	" "	♀ 6.8	195+27
	2	4035.	" "	♀ 22.0	275+35
	3	4036.	" "	♂ 10.0	220+45
	4	4037.	" "	♂ 15.5	265+56
	5	4038.	" "	♀ 1.2	117+19
	6	4039.	" "	♀ 13.0	238+35
	7	4040.	" "	♂ 13.8	261+51
	8	4041.	" "	♂ 10.0	227+46
	9	4042.	" "	♂ 7.9	216+42
	60	4043.	" "	♀ 13.6	268+43
	61	4044.	" "	♂ 1.3	120+21
	2	4045.	" "	♀ 18.8	268+41
	3	4046.	" "	♀ 3.3	164+27
	4	4047.	" "	♀ 21.5	290+44
	5	4048.	" "	♂ 11.0	220+47
	6	4049.	" "	♂ 12.0	241+49
	7	4050.	" "	♂ 2.0	133+25
	768	4051.	" "	♀ 1.0	113+15
	769	4052.	" "	♀ 17.0	271+36
	770	4053.	" "	♀ 24.8	286+46

Seib, R.
1978

Finca Santa Julia, 1¼km E, ¾km S, San Rafael Pie de la Cuesta, elev. 1100m, San Marcos, Guatemala

2 Aug 771	4054.	*Geophis nasalis*	♂ 19.1	241 +
772	4055.	" "	♀ 18.2	265+33
773	4056.	" "	♀ 21.0	273+41
774	4057.	" "	♀ 22.8	300+45
775	4058.	" "	♂ 13.9	256+51
776	4059.	" "	♀ 10.5	220+31
777	4060.	" "	♂ 5.7	186+39
159778	4061.	" "	♂ 13.8	235+46
159605	4062.	~~*Leptophis*~~ *Drymobius chloroticus*	[illegible]	815 +102 (bk)
159804	4063.	*Mastigodryas*	10.0	136 + 120
159808	4064.	*Ninia diademata*	4.8	213 + 112
159809	4065.	" "	5.8	243 + 106
159810	4066.	" "	3.2	230 + 80
159825	4067.	*Ninia sebae*	1.4	130 + 40
26	4068.	" "	~~1.9~~ 1.0	113 + 34 ~~145 + 37~~
27	4069.	" "	1.6	128 + 35
28	4070.	" "	11.6	277 + 71
30	4071.	" "	6.5	245 + 72
31	4072.	" "	5.0	214 + 71
32	4073.	" "	15.5	282 + 74
33	4074.	" "	3.1	157 + 48
34	4075.	" "	12.5	264 + 65
35	4076.	" "	9.2	252 + 85
36	4077.	" "	6.4	237 + 80
159828	4078.	" "	1.9	145 + 37
159840	4079.	*Pliocercus elapoides*	17.5	268 + 174 (bk)

Seib, R.
1978

Finca Santa Julia, 1¼km E, ¾km S, San Rafael Pie de la Cuesta, elev. 1100m, San Marcos, Guatemala

h Aug	159845	4080.	Rhadinaea hannsteini	3.6 gm	195 + 79 mm.
	159846	4081.	" "	1.9	148 + 50
	159847	4082.	" "	4.8	233 + 79
	159848	4083.	" "	1.4	144 + 59
	159849	4084.	" "	1.8	132 + 50
	159850	4085.	" "	5.3	205 + 80
	159851	4086.	" "	4.6	212 + 69
	159853	4087.	Micrurus ~~nigrocinctus~~ latifasciatus	3.5	214 + 24
	159588	4088.	Adelphicos quadrivirgatus	1.9	128 + 22
	589	4089.	" "	13.8	332 + 37 Broken
	590	4090.	" "	6.9	231 + 29
	1	4091.	" "	5.2	193 + 31
	2	4092.	" "	2.4	153 + 22
	3	4093.	" "	9.2	248 + 38
	4	4094.	" "	1.1	118 + 14
	595	4095.	" "	14.0	315 + 36 Broken
	159600	4096.	Coniophanes fissidens	12.0	230 + 64
	159779	4097.	Geophis nasalis	♂ 10.2	233 + 47
	780	4098.	" "	♂ 15.0	247 + 57
	781	4099.	" "	♂ 6.8	186 + 37
	782	4100.	" "	♂ 13.0	242 + 50
	783	4101.	" "	♀ 20.0	277 + 45
	784	4102.	" "	♀ 18.1	282 + 47
	785	4103.	" "	♀ 13.6	235 + 38
	786	4104.	" "	♂ 8.8	222 + 45
154	787	4105.	" "	♂ 11.5	222 + 50

Seib, R.
1978

Finca Santa Julia, 1¼ km E, ¾ km S, San Rafael Pie de la Cuesta, elev. 1100m, San Marcos, Guatemala

2 Aug 159788	4106.	Geophis nasalis	♂	13.9 gm.	245+51 mm.
159789	4107.	" "	♂	13.3	235+49
159790	4108.	" "	♀	10.8	228+35
159791	4109.	" "	♂	2.6	127+26
159792	4110.	" "	♂	3.5	146+26
159793	4111.	" "	♀	15.1	272+40
159794	4112.	" "	♀	8.5	218+37
159795	4113.	" "	♀	6.0	187+31
159796	4114.	" "	♀	6.9	190+27
159797	4115.	" "	♂	4.3	152+27
159798	4116.	" "	♀	2.4	134+20
159799	4117.	" "	♀	20.0	270+42
159800	4118.	" "	♀	17.5	264+42
159837	4119.	Ninia sebae		12.5	272+66
159838	4120.	" "		14.0	290+72
159839	4121.	" "		11.4	280+66
159852	4122.	Rhadinaea hannsteini		3.1	175+70
159855	4123.	Micrurus wagneri		6.2	245+37
159856	4124.	" "		3.7	193+27
	4125.	Bufo coronatus			
	4126.	Bufo valliceps			
	4127.	Eleutherodactylus rhodopsis			
	4128.	"	"		
	4129.	"	"		
	4130.	"	"		
	4131	Bolitoglossa occidentalis			

Seib, R.
1978

Finca Santa Julia, 1¼ km E, ¾ km S, San Rafael Pie de la Cuesta, elev. 1100 m
San Marcos, Guatemala

2 Aug

4132. Bolitoglossa occidentalis
4133. " "
4134. " "
4135. " "
4136. " "
4137. " "
4138. " "
4139. " "
4140. " "
4141. " "
4142. " "
4143. " "
4144. " "
4145. " "
4146. " "
4147. " "
4148. " "
4149. Oedipina ignea
159536 4150. Anolis
159537 4151. Scincella incertum
159535 4152. " "
159532 4153. Ptychohyla schmidtorum
159533 4154. " "
159531 4155. ~~Hyla~~ Ptychohyla euthysanota
159528 4156. Eleutherodactylus rugulosis
159529 4157. " "

Seib, R.
1978

Finca Santa Julia, 1½ km E, ¾ km S, San Rafael Pie de la Cuesta, elev. 1100 m, San Marcos, Guatemala

2 Aug 154530	4158.	Rana maculata		
	4159.	Bolitoglossa occidentalis		
	4160.	" "		

Finca Monte Perla 1.8 km NE (by rd.) Cacaohatan, elev. 960 m, Chiapas, México

4 Aug 159377	4161.	Coniophanes fissidens	6.0 gm.	188 + 96 mm.
378	4162.	" "	13.8	263 + 134
379	4163.	" "	13.8	278 + 126
159365	4164.	Adelphicos quadrivirgatus	6.7	208 + 34
366	4165.	" "	6.6	217 + 28
367	4166.	" "	5.7	217 + 26
368	4167.	" "	4.9	189 + 33
369	4168.	" "	9.5	267 + 35
370	4169.	" "	8.4	238 + 30
371	4170.	" "	1.6	120 + 14
159389	4171.	Geophis nasalis	12.0	230 + 49
390	4172.	" "	10.8	228 + 36
391	4173.	" "	9.1	211 + 32
392	4174.	" "	3.5	155 + 25
159398	4175.	Ninia sebae	8.0	252 + 83
399	4176.	" "	12.2	285 + 70
400	4177.	" "	7.8	242 + 76
401	4178.	" "	8.0	251 + 77
402	4179.	" "	12.5	268 + 72
403	4180.	" "	10.0	272 + 86
404	4181.	" "	1.3	110 + 35
405	4182.	" "	7.4	235 + 76

Seib, R.
1978

Finca Monte Perla, 18.8 km NE (by rd.) Cacahoatan, elev. 960 m, Chiapas, México

4 Aug 406	4183.	Ninia sebae	6.8 gm.	228+77 mm.
407	4184.	" "	3.0	173+44
408	4185.	" "	7.4	225+76
409	4186.	" "	11.8	302+70
410	4187.	" "	6.5	230+76
411	4188.	" "	7.5	240+82
412	4189.	" "	2.0	136+35
413	4190.	" "	9.2	277+91
414	4191.	" "	13.8	261+67
159521	4192.	Eleutherodactylus rhodopsis		
159425	4193.	" rhodopsis		

Finca San Jeronimo, 7.5 km N (by rd.) Cacahoatan, elev. 760 m, Chiapas, Méxio

4 Aug [redacted]327	4194.	Eleutherodactylus rugulosus	
328	4195.	"	"
329	4196.	"	"
330	4197.	Rana maculata	
331	4198.	"	"
332	4199.	"	"
333	4200.	"	"
334	4201.	"	"
335	4202.	"	"
336	4203.	"	"
337	4204.	"	"
338	4205.	"	"
339	4206.	"	"
340	4207.	"	"
159341	4208.	"	"

Seib, R.
1978

Finca San Jeronimo, 7.5 km N (by rd.) Cacahatan, elev. 760 m, Chiapas, México

4 Aug	159342	4209.	Rana	maculata	
	343	4210.	"	"	
	344	4211.	"	"	
	345	4212.	Bufo	canaliferus	
	346	4213.	Centrolinella	fleishmanni	
	159348	4214.	Anolis		
	159347	4215.	Scincella	assatum assatum	
	159359	4216.	Ninia	sebae	5.5 gm. 183+58 mm.
5 Aug	349	4217.	Anolis		
	350	4218.	"		
	351	4219.	"		
	352	4220.	"		
	353	4221.	Coniophanes	fissidens	13.5 gm. 264+137 mm.
	354	4222.	"	"	9.2 227+85
	355	4223.	Geophis	nasalis	11.5 237+51
	356	4224.	"	"	15.4 276+44
	357	4225.	Ninia	sebae	9.7 260+90
	358	4226.	Pliocercus	elapoides	10.5 222+148

Finca Monte Perla 18.8 km NE (by rd.) Cacahatan, elev. 960 m., Chiapas, Mexico

5 Aug	159426	4227.	~~Scincella~~ Shenomorphus	assatum assatum	
	154372	4228.	Adelphicos	quadrivirgatus	13.5 gm. 307+42 mm.
	373	4229.	"	"	7.3 252+27
	374	4230.	"	"	5.0 198+32
	375	4231.	"	"	5.1 195+35
	376	4232.	"	"	2.4 154+23
	159380	4233.	Coniophanes	fissidens	15.0 280+137
	381	4234.	"	"	20.0 330+41 Broken

Seib, R.
1978

Finca Monte Perla, 18.8 km NE (by rd) Lacanhatan, elev. 960 m, Chiapas, México

5 Aug 382	4235.	Coniophanes fissidens		17.5 gm.	316+76	Broken
383	4236.	"	"	15.8	312+42	"
384	4237.	"	"	12.3	250+125	
385	4238.	"	"	11.8	246+103	
386	4239.	"	"	10.2	237+92	
387	4240.	"	"	9.4	235+38	Broken
388	4241.	"	"	10.4	238+112	
159393	4242.	Geophis nasalis		20.0	294+52	eggs
394	4243.	"	"	14.5	250+40	"
395	4244.	"	"	6.9	202+28	
396	4245.	"	"	2.8	142+25	
397	4246.	Mastigodryas		7.0	280+110	
159415	4247.	Ninia sebae		9.2	255+66	
416	4248.	"	"	13.5	277+71	
417	4249.	"	"	11.8	259+64	
418	4250.	"	"	2.7	150+44	
419	4251.	"	"	1.0	110+33	
420	4252.	Rhadinaea hannsteini		6.8	235+74	
421	4253.	"	"	5.7	209+86	food
422	4254.	"	"	4.2	197+82	
423	4255.	"	"	4.4	216+85	
424	4256	"	"	4.0	206+82	

Cloud forest on foot trail to Guatemala above Colonia Talquian, elev. 1850 m., Chiapas, México

4257. Bolitoglossa

4258. Bolitoglossa inglehardti

4259. " "

Seib, R.
1978

Cloud forest on foot road above Colonia Talquian, elev. 1950m, Chiapas, México

159510 5 Aug — 4260. Bolitoglossa inglehardti
159511 — 4261. " "
4262. Bolitoglossa flavimembris
4263. " "
4264. " "
4265. " "
4266. " "
4267. " " lost
NVZ 159512 — 4268. Plectrohyla
159513 — 4269. "
159514 — 4270. Eleutherodactylus matudai
161793 — 4271. Ahronia ~~vasconcelosi~~
159515 — 4272. Tropidodipsas fasciata Blood & Tissue for cadle

Cloud forest ~~road~~ on foot road above Colonia Talquian, elev. 2050m-2150m, Chiapas, México

5 Aug 159516 — 4273. Barisia moreleti rafaeli
159517 — 4274. " " "
159518 — 4275. Geophis immaculatus 8.6 gm. 214 + 44 mm.
159519 — 4276. " " 7.3 221 + 44
159520 — 4277. Rhadinaea lachrymans 5~~6~~.8 222 + 83 food

41.4 km S. (by Mexhwy 175) San Miguel Suchixtepec, elev. 1250m, Oaxaca, México

165249 7 Aug — 4278. Anolis sp.

~~7 Aug~~ Grounds of Hotel Camino Real, Isla Can Cun, Quintana Roo, México

12 Aug — 4279. Anolis
4280. "
4281. "

Mexhwy 307 at Can Cun airport, Quintana Roo, México

12 Aug — 4282. Bothrops ~~[illegible]~~ asper

Seib, R.
1978

Subterranian Mayan Altar, Laguna Xel-ha, Quintana Roo, México

13 Aug 4283. Thecadactylus

4284. "

4285. "

4286. "

42 km SW (by Mex hwy 307) Tulum, Quintana Roo, México

13 Aug 4287. Crotalus durissus

20 km N (by Mex hwy 295) Felipe Carrillo Puerto, Quintana Roo, México

13 Aug 4288. Scaphiodontophis annulatus

Section 23, T. 37 N., R. 12 W., elev. 5600 ft., Salmon-Trinity Wilderness Area, Trinity Co., California

MVZ 161454
29 Aug 4289. Gerrhonotus coeruleus

Cecil Pt. Look Out, elev. 5500 ft., 3 mile S (airline) Cecilville, Siskiyou Co., California

29 Aug 4290. Charina bottae

5 miles S Gilman Rd jct w/ Brock Mtn Rd, on Brock Mtn Rd, Above Squaw Creek arm of Lake Shasta, Shasta Co., California

30 Aug 4291. Diadophis punctatus

3 mile W (by rd.) Cecilville, Siskiyou Co., California

MVZ 170835
29 Aug 4292. Thamnophis elegans
170856
4293. " "

10 mile W Piste (by Mex hwy 180), Yucatan, Mexico

13 Aug 4294. Stenorrhina freminvilli

Seib, R.

1978

Santo Tomás, Baja California Norte, México

5 Sept

~~4294. Bufo~~

4295. Bufo

4296. "

4297. "

4298. "

4299. "

4300 "

4301. "

4302. "

4303. "

4304. "

4305. "

4306. "

4307. "

4308. "

4309. "

4310. "

4311. "

4312. "

4313. "

4314. "

4315. "

4316. "

4317. "

4318. "

4319. "

4320. "

Seib, R.
1978

Colonet, Baja California Norte, México

MVZ 170764 — 5 Sept — 4331. Chilomeniscus cinctus

3.3mile N(hy rd.) Vicente Colonia Guerrero, Baja California Norte, México

5 Sept — 4332. Arizona elegans [Sent to Mexico City]

9mile N(by Mex hwy 1) Catavina, Baja California Norte, México

6 Sept — 4333. Sceloporus orcutti [to Mexico City]

MVZ 161358 — 4334. Uta stansburiana

10.3mile S(by Mex hwy 1) Catavina, Baja California Norte, México

6 Sept — 4335. Sceloporus [illegible]

4336. " "

MVZ 161335 — 4337. Urosaurus microscutatus

4338. Uta stansburiana

4339. Cnemidophorus tigris

4330. " "

MVZ 170761 — 4331. Chilomeniscus cinctus

170762 — 4332. " "

MVZ 181136 — 4333. " " (dried) Cleared & stained (1-79)

MVZ 181137 — 4334. " " " "

MVZ 181135 — 4335. Phyllorhynchus decurtatus " "

18.5mile S(by Mex hwy 1) Catavina, Baja California Norte, México

6 Sept — 4336. Sceloporus orcutti

4337. Sceloporus [illegible]

CAS 152117 — 4338. Uta stansburiana

152118 — 4339. " "

MVZ 161415 — 4340. Chilomeniscus cinctus

4341. Petrosaurus mearnsi (~~dried~~)

4342. " "

Seib, R.
1978

12.9 mile S (by Mexhwy 1) Catavina, Baja California Norte, Mexico

MVZ 170763
6 Sept
181138
4343. Chilomeniscus cinctus (can traps)
4344. " " (dried) (cleared & stained 1-74) "

4.5 mile S (by Mexhwy 1) Catavina, Baja California Norte, Mexico

MVZ 161389
6 sept
4345. Hemidophorus tigris (can trap)

Santo Dominguito, Baja California Norte, Mexico

6 sept
4346. Sceloporus ~~orcutti~~ rutidorsum (can traps)
4347. Sceloporus rutidorsum "

MVZ 170760
4348. Chilomeniscus cinctus "
MVZ
190584
4349. ~~Phyllodactylus decultatus~~ Hypsiglena torquata (dried) (cleared & stained) "
4350. Hypsiglena torquata " " "

9.2 mile S (by Mexhwy 1) Rosarito, Baja California Norte, Mexico

MVZ 161425
6 sept
4351. Masticophis flagellum (tissue)
4352. Notiosorex crawfordii (can trap)

23.1 mi NW (by Mexhwy 1) San Ignacio, Baja California Sur, Mexico

6 sept
4353. Sceloporus (can traps)
MVZ 161390
4354. Hemidophorus tigris "
MVZ 161391
4355. " " "

16.3 mile N (by Mexhwy 1) San Ignacio, Baja California Sur, Mexico

6 sept
4356. Sceloporus rufidorsum (can traps)
CAS 152159
4357. ~~Urosaurus~~ Uta stansburiana "
4358. Hemidophorus hyperythrus (to Mexico City) "

8 mile SE (by rd.) Guerrero Negro, Baja California Sur, Mexico

MVZ 161436
6 Sept
4359. Salvadora hexalepis

35.5 mile NW (by rd.) San Ignacio, Baja California Sur, Mexico

6 Sept
4360. Masticophis flagellum [sent to Mex City]

San Bruno 15.9 mile S (by rd) Santa Rosalia, Baja California Sur, Mexico

MVZ 161437
6 Sept.
4361. Salvadora hexalepis

Seib, R.
1978

Santa Agueda, Baja California Sur, México

6 Sept. 4362. Coleonyx variegatus peninsularis
4363. Phyllodactylus xanti noticolus [to Mexico City
4364. " " " "
4365. " " " "
4366. " " " "
4367. " " " "
4368. " " " "
4369. " " " "
4370. " " " "
4371. " " " "
4372. Sceloporus orcutti
CAS 152115 4373. Uta stansburiana
152116 4374. " "
4375. BAT torso

9.1 mile SE (by rd) San Ignacio, Baja California Sur, Mexico
MVZ 161420 6 Sept. 4376. Eridiphas slevini

7.9 mile SE (by rd) San Ignacio, Baja California Sur, México
6 Sept. 4377. Phyllorhynchus decortatus

2.1 mile W (by rd) El Arco, Baja California ~~Norte~~ Sur, Mexico
7 Sept 4378. Sceloporus orcutti
4379. " "
4380. Sauromalus obesus
CAS 152122 4381. Uta stansburiana
4382. " " [to Mexico City
4383. Cnemidophorus tigris

Seib, R.
1978

1/4 mile W (by rd) Bahia de los Angeles, Baja California Norte, Mexico

7 Sept
4384. Sceloporus rufidorsum [to Mex City]
4385. " "
4386. Crotaphytus tigris

7 1/4 mi W (by rd) Bahia de los Angeles, Baja California Norte, Mexico

7 Sept
4387. Urosaurus microscutatus
4388. " "
4389. Uta stansburiana (Can Crops)
4390. " "
4391. " "
4392. " "
4393. " "
4394. " "
4395. " "
4396. Coleonyx variegatus
4397. Phyllodactylus xanti. noticolus
4398. " " "
4399. " " "
4400. " " "
4401. " " "
4402. " " "
4403. " " "
4404. " " "
4405. " " "
4406. " " "
4407. " " "
4408. " " "
4409. " " "

Seib, R.

1978

7 km W (by rd) Bahía de los Angeles, Baja California Norte, México

7 Sept. 4410. Phyllodactylus xanti noticolus

4411. " " "

4412. " " "

4413. " " "

4414. " " "

4415. " " "

4416. " " "

4417. ~~Eridiphas slevini~~ Died 14 July 79

CAS 152140 4418. Bufo punctatus

Beach Flats, Bahía de los Angeles, Baja California Norte, México

MVZ 161434 7 Sept 4419. Salvadora hexalepis

8 Sept. 4420. Calisaurus draconoides

7 km W (by rd) Bahía de los Angeles, Baja California Norte, México

8 Sept. 4421. Chemidophorus tigris

4422. Phyllodactylus xanti noticolus

4423. " " "

4424. " " "

4425. " " "

4426. " " "

4427. " " "

4428. " " "

4429. " " "

4430. " " "

4431. " " "

4432. " " "

4433. Urosaurus

4434. Uta stansburiana

Seib, R.
1978

7 km W (by rd) Bahía de los Angeles, Baja California Norte, México

8 Sept 4435. Uta stansburiana
4436. " "
MVZ 170757 4437. Hypsiglena torquata
170758 4438. " "
170759 4439. " "
9 Sept 4440. Phyllodactylus xanti noticolus
4441. " " "
4442. Uta stansburiana
4443. Leptotyphlops humilis

Isla Piojo, Bahía de los Angeles, Baja California Norte, México

9 Sept 4444. Phyllodactylus xanti
4445. " "
4446. " "
4447. " "
4448. " "
No way CAS 152160 4449. = MVZ 181141 " " dead (cl & stained 1-79)
MVZ 176033 4450. Sauromalus hispidis
176034 4451. " "
4452. " " clear & stain
MVZ 161286 4453. " " dead
4454. Uta stansburiana
4455. " "
4456. " "
4457. " "
4458. " "
4459. " "
4460. " "

Seib, R.
1978

Isla Piojo, Bahía de los Angeles, Baja California Norte, Mexico

9 Sept
4461. Uta stansburiana
4462. " "
4463. " "
4464. Crotalus mitchelli phyrrus FC 13270 tissue
4465. " " " [to Mexico City]

Isla La Ventana, Bahía de los Angeles, Baja California Norte, Mexico

9 Sept.
4466. Phyllodactylus xanti
4467. " "
4468. " "
4469. " "
4470. " "
4471. " "
4472. " "
4473. " "
4474. " "
4475. " "
4476. " "
4477. " "
4478. " "
4479. " "
4480. " "
MVZ 165056 4481. Sauromalus hispidus
MVZ 181142 4482. " " (clear & stain)
4483. " "
4484. " "
4495. " "
4486. " "

Seib, R.
1978

Isla La Ventana, Bahía de los Angeles, Baja California Norte, México

9 Sept. 4487. Sauromalus hispidis [170+188 mm 185.2 gm on 18 Aug 1980]
4488. " "
4489. " "
4490. Uta stansburiana
4491. " "
4492. " "

10 mile SE (by rd.) El Rosario, Baja California Norte, México

10 Sept 4493. Notiosaurex crawfordii

La Paz, Baja California Sur, México

10 Sept 181151 4494. Lichanura trivirgata Skeleton & skin

Isla Piojo, Bahía de los Angeles, Baja California Norte, Mexico

9 Sept MVZ 175916 4495. Sauromalus hispidis

9.5 miles S (on Minos Road) Tessla Road, Livermore, Alameda Co., California

30 Sept 4496. Masticophis lateralis

Seib, R.
1978

		Finca San Jeronimo, elev 760m 7.5km N (by rd.) Cacahatan, Chiapas, México				
MVZ 165159	11-12 Dec	4497.	Bolitoglossa	occidentalis		
165160		4498.	"	"		
165161		4499.	"	"		
165162		4500.	"	"		
165163		4501.	Bufo	valliceps		
165164		4502.	Eleutherodactylus	~~rhodopsis~~ rugulosus		
165165		4503.	"	sp		
165166		4504.	"	rhodopsis		
165167		4505.	"	"		
165168		4506.	"	"		
165169		4507.	"	"		
165170		4508.	"	"		
165171		4509.	"	"		
165172		4510.	"	"		
165173		4511.	"	"		
165174		4512.	"	"		
165175		4513.	"	"		
165177		4514.	Leptodactylus	melanonotus		
165179		4515.	Rana	maculata		
165180		4516.	"	"		
165235		4517.	Anolis	sericeus		
165236		4518.	"	"		
165237		4519.	"	"		
~~165238~~ (MVZ 181144)	12 Dec	4520.	"	sp. [clear & stain]		
165181		4521.	Coniophanes	fissidens	wt. 10.0 gm	sv. 226. mm + 108
165182		4522.	"	"	~~10.0~~ 4.2	163 + 48 cat
165183		4523.	Prymnobius	margaritiferus	22.0	348 + 205

Seib, R.
1978

Finca San Jeronimo, elev. 760m, 7.5 km NE (by rd) Cacaohatan, Chiapas, México

165184 12 Dec	4524.	Ninia sebae	9.5 gm	240 mm	+ 60	
165185	4525.	"	"	3.5	160	+ 40
165186	4526.	"	"	5.2	192	51
165187	4527.	"	"	8.5	227	73
165188	4528.	Ninia diademata		7.4	245	103
165189	4529.	Pliocercus elapoides		18.5	265	140 cut
165190	4530.	"	"	6.0	192	140
165191	4531.	Rhadinaea posadasi		0.7	89	49
165192	4532.	Micrurus nigrocinctus		71.0	623	69
165193	4533.	"	"	10.0	354	37

Finca Monte Perla, elev 960m, 8.8 km NE (by rd.) Cacaohatan, Chiapas, México

12 Dec.	4534.	Eleutherodactylus				
	4535.	"				
	4536.	"				
	4537.	Anolis				
	4538.	"				
	4539.	Scincella				
165203	4540.	Adelphicos quadrivirgatus		6.2 gm	232 mm	32
165204	4541.	"	"	6.0	214	27
165205	4542.	"	"	2.5	148	17
165206	4543.	"	"	cut		
165207	4544.	"	"	1.5	118	20
165209	4546.	Conophanes fissidens		12.0	240	103
165210	4547.	"	"	10.0	238	96
165211	4548.	"	"	6.5	215	61
165212	4549.	"	"	8.2	247	107
165213	4550.	"	"	9.5	243	116

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Finca Monte Perla, elev. 960m, 18.8 km NE (by rd.) Cacaohatan, Chiapas, México

165214 13 Dec	4550. Coniophanes fissidens	13.0 gm	266 mm	110
165215	4551. " "	18.5	282	140
165216	4552. " "	14.5	266	98
165217	4553. " "	16.0	282	50 cut
165218	4554. " "	19.0	310	17 cut
165221	4555. Geophis nasalis	14.5	250	52
165225	4556. Ninia sebae	9.5	245	77
165226	4557. " "	15.0	302	63
165227	4558. " "	bled	253	87
165228	4559. " "	5.6	197	59
165229	4560. " "	17.0	313	27
165222	4561. Ninia diademata	2.4	176	83
165223	4562. " "	2.3	154	83
181146	4563. Tropidodipsas sartori [cl Ostn]			
165232	4564. " "			
165233	4565. Micrurus ~~nigrocinctus~~ latifasciatus	10.5	344	42 bled

Finca San Jeronimo, elev. 760m, 7.5 km N (by rd.) Cacaohatan, Chiapas, México

MVZ 165176 13 Dec	4566. Eleutherodactylus rhodopis			
165178	4567. Leptodactylus melanonotus			

Finca Monte Perla, 960m elev. 18.8 km NE (by rd.) Cacaohatan, Chiapas, México

181149 14 Dec	4568. Eleutherodactylus rhodopis			
	4569. " "			
165208	4570. Adelphicos quadrivirgatus	25.5 gm	330 mm + 29 cut	
165219	4571. Coniophanes fissidens	12.0	261	120
165220	4572. Drymobius margaritiferus	59.0	501	203
165231	4573. Imantodes cenchoa			
165224	4574. Ninia diademata	4.8	205	104

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Finca Monte Perla, elev. 960m 18.8 km NE (byrd.) Cacaohatan, Chiapas, México

165230 14 Dec 4575. Ninia sebea 7.0 gm 215 mm +65

165201 4576. Scincella

165202 4577. "

Elev. 1840m on foot road to Guatemala, above Colonia Talquian, Volcan Tacaná, Chiapas, Mexico

14 Dec 4578. Bolitoglossa englehardti tissue

4579. " " "

4580. " " "

4581. " " "

Elev. 1930m on foot road to Guatemala, above Colonia Talquian, Volcan Tacaná, Chiapas, México

14 Dec 4582. Bolitoglossa franklini tissue

Elev. 2050m on foot road to Guatemala, above Colonia Talquian, Volcan Tacaná, Chiapas, México

165234 14 Dec 4583. Plectrohyla

2-3 km E (byrd.) El Triunfo, elev. 370m, Chiapas, México

15 Dec 4584. Fish

165248 4585. Bolitoglossa occidentalis

4586. Anolis lemurinus alive

4587. " " alive

165238 4588. " "

165239 4589. " "

165240 4590. " "

165241 4591. " "

165242 4592. " "

165243 4593. " "

165244 4594. "

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2-3km E(byrd.) El Triunfo, elev. 370m, Chiapas, México

165245 15 Dec	4595.	Anolis	lemurinus
165246	4596.	"	"
165247	4597.	"	"
165250	4598.	Ctenasaura ~~pectinada~~ similis	
	4599.	Lepidophyma	(sent to Bob Bezy)

Finca La Esperanza, elev. 200m, 5km E(byrd) Acacoyagua, Chiapas, México

19 Dec	4600.	Bolitoglossa flaviventris	tissue
165251	4601.	Bolitoglossa occidentalis	
165252	4602.	"	"
165253	4603.	"	"
165254	4604.	"	"
165255	4605.	"	"
165256	4606.	"	"
165257	4607.	"	"
165258	4608.	"	"
165259	4609.	"	"
165260	4610.	"	"
165261	4611.	"	"
165262	4612.	Eleutherodactylus	rugulosus
165263	4613.	"	~~rhodopsis~~ rugulosus
165264	4614.	"	rugulos
165265	4615.	Eleutherodactylus	rhodopsis
165266	4616.	"	"
165267	4617.	"	"
165268	4618.	"	"
165269	4619.	"	"
165270	4620.	Hyla	robertmertensi

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Finca La Esperanza, elev 2100 m, 5 km E (by rd) Acacoyagua, Chiapas, Mexico

165271 19 Dec	4621.	Scincella	cherriei	cherriei
165272	4622.	Basiliscus	vittatus	
181145	4623.	"	"	[cl & stn.]
165273	4624.	Anolis	sericeus	
165274	4625.	Anolis	lemurinus	
181150	4626.	"	"	(cl & stn)
165275	4627.	"	"	
165276	4628.	"	"	
165277	4629.	"	"	
165278	4630.	"	"	
165279	4631.	"	"	
165280	4632.	"	"	
165281	4633.	"	"	
165282	4634.	"	"	
165283	4635.	"	"	
165284	4636.	Coniophanes fissidens		
	4637.	Fish		
	4638.	"		
	4639.	"		
	4640.	"		
	4641.	"		
	4642.	"		

Above Finca Las Nubes, elev. 1650-1690, Cerro Ovando, Chiapas, México

MVZ 165285 21 Dec	4643.	Chiropterotriton	xolocalcae	dried
167573	4644.	"	"	tissue
	4645.	"	"	tissue
	4646.	"	"	

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Above Finca Las Nubes, elev. 1650-1680, Cerro Ovando, Chiapas, México

21 Dec	4647. Bolitoglossa nigroflavescens			tissue
MVZ 165286	4648. ~~Hyla~~ Pseudohyla euthysanota			
165287	4649. Leptodeira septentrionalis			tissue

Above Finca Las Nubes, elev. 1820-1830, Cerro Ovando, Chiapas, México

21 Dec	4650. Chiropterotriton xolocalcae			tissue MVZ 185947
	4651.	"	"	185948
	4652.	"	"	185949
	4653.	"	"	185950
	4654.	"	"	185951
	4655.	"	"	185952
	4656.	"	"	185953
	4657.	"	"	185954
	4658.	"	"	185955
	4659.	"	"	185956
	4660.	"	"	185957
	4661.	"	"	185958
	4662.	"	"	185959
	4663.	"	"	185960
	4664.	"	"	185961
	4665.	"	"	
	4666.	"	"	
	4667.	"	"	
	4668.	"	"	
	4669.	"	"	
	4670.	"	"	

1.8 km N (by Mexhuy 195) Jitotol, elev. 1650 m, Chiapas, México

165288 23 Dec	4671. Ninia diademata			tissue

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	6.4 km N (by Mex hwy 195) Jitotol, elev. 1650 m, Chiapas, México (Pacific drainage)					
MVZ 165289 23 Dec	4672. Pituophis deppei					
	31.9 km N (by Mex hwy 195) Jitotol, elev. 1730 m, Chiapas, México (Atlantic drainage)					
23 Dec	4673. Barisia moreleti					
	4674. " "					
	34.6 km N (by Mex hwy 195) Jitotol, elev. 1650 m, Chiapas, México (Atlantic drainage)					
23 Dec	4675. Bufo valliceps					tissue
	4676. Eleutherodactylus					"
165290	4677. Geophis carinososus					"
165291	4678. " "					"
165292	4679. " "					"
165293	4680. " "					"
165294	4681. " "					"
165295	4682. Ninia diademata					
	4.2 km (by Mex hwy 190) W. San Felipe, elev. 2400-2450 m, Chiapas, México					
165297 25 Dec	4683. Bolitoglossa hartwegi					
	Finca Santa Julia, 1 1/4 km E, 3/4 km S, San Rafael Pie de la Cuesta, San Marcos, Guatemala, 1100 m					
165326 29 Dec	4684. Geophis nasalis	♀	10.0 gm	233 mm + 36 mm		
165327	4685. " "	♀	1.2	100 + 15		
165328	4686. " "	♂	0.9	94 + 17		
165329	4687. " "	♂	1.2	108 + 16		
165330	4688. " "	♂	0.3	77 + 12		
165331	4689. " "	♂	16.5	255 + 51		
165332	4690. " "	♂	14.5	248 + 50		
165333	4691. " "	♂	7.5	192 + 38		
165334	4692. " "	♀	7.6	201 + 29		
165335	4693 " "	♀	8.9	211 + 33		
165336	4694. " "	♂	0.8	90 + 17		

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Finca Santa Julia, 1¼ km E, ¾ km S, San Rafael Pie de la Cuesta, San Marcos, Guatemala, 1100 m

165337 29 Dec	4695.	Geophis nasalis	♂	1.2 g	106 mm + 15 mm
165338	4696.	" "	♂	7.0	189 + 36
165314	4697.	Adelphicos quadrivirgatus		9.2	249 + 45
165315	4698.	" "		2.8	153 + 20
165316	4699.	" "		7.0	231 + 39
165317	4700.	" "		5.3	199 + 31
165318	4701.	" "		15.5	275 + 30
165319	4702.	" "		7.6	208 + 35
165320	4703.	" "		6.2	202 + 31
165321	4704.	" "		1.9	141 + 15
165357	4705.	Pliocercus elapoides		1.4	115 + 72
165339	4706.	Geophis nasalis	♂	12.0	236 + 51
165340	4707.	" "	♂	1.3	102 + 20
165341	4708.	" "	♂	1.2	101 + 16
165324	4709.	Coniophanes fissidens		16.5	285 + 132
165342	4710.	Geophis nasalis	♂	1.4	102 + 20
165343	4711.	" "	♂	1.1	100 + 19
165344	4712.	" "	♂	1.0	100 + 20
165322	4713.	Adelphicos quadrivirgatus		1.0	224 + 27
165345	4714.	Geophis nasalis	♂	7.8	192 + 40
MVZ 165311	4715.	Scincella			
	4716.	Eleutherodactylus			
	4717.	Dermophis mexicana			
	4718.	" "			
	4719.	" "			
	4720.	" "			
	4721.	" "			

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Finca Santa Julia

29 Dec 4722. Dermophis mexicana
4723. " "
4724. " "
4725. " "
4726. " "
4727. " "
4728. " "
4729. " "
4730. " "
4731. " "
4732. " "
4733. " "
4734. " "
4735. " "
4736. " "
4737. " "
4738. " "

Cloud Forest at 5000 ft., 7.8 mile w (by Ruta Nacional # 1) Esquipulas Palo Gordo, San Marcos, Guatemala

29 Dec 4739. Eleutherodactylus matudai
4740. " "

MVZ 181147 4741. Plectrohyla Sagorum (clear & stain)

Finca Santa Julia

165343
31 Dec 4742. Adelphicos quadrivirgatus 2.3 g 145 mm + 24 mm
165324 4743. Drymobius chloroticus 13.0 326 + 133
165355 4744. Leptodeira septentrionalis 26.5 585 + 207
165356 4745. Rhadinaea hannsteini 0.6 99 + 138
165346 4746. Geophis nasalas ♀ 10.1 222 + 34

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Finca Santa Julia

165347 31 Dec	4747. Geophis nasalis	♂	4.1 g	158mm + 27mm
165348	4748. " "	♂	0.7	91 + 17
165349	4749. " "	♀	1.2	101 + 14
165350	4750. " "	♀	1.0	95 + 13
165351	4751. " "	♀	1.0	101 + 16
165352	4752. " "	♂	0.9	92 + 17
165353	4753. " "	♂	0.8	90 + 15
165354	4754. " "	♂	0.7	87 + 14
165298	4755. Bolitoglossa ~~mexi~~ occidentalis			
165299	4756. " "			
165300	4757. " "			
165301	4758. " "			
165302	4759. " "			
165303	4760. " "			
165304	4761. " "			
165305	4762. " "			
165306	4763. " "			
165307	4764. Eleutherodactylus rhodopsis			
165308	4765. Eleutherodactylus rugulosis			
165309	4766. " "			
165310	4767. " "			
165312	4768. Anolis			
165313	4769. Ameiva			
	4770. Adelphicos quadrivirgatus			Alive
	4771. " "			"
	4772. Coniophanes fissidens			"
	4773. Geophis nasalis			"

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Finca Santa Julia

31 Dec	4774. Oreophis nasalis	Alive
	4775. " "	"
	4776. Ninia sebae	"
	4777. " "	"
	4778. " "	"
	4779. " "	"
165358	4780. Pliocercus elapoides	"
	4781. Dermophis mexicanus	
	4782. " "	
	4783. " "	
	4784. " "	
	4785. " "	
	4786. " "	

Rt 4 Nacional #2, 15.5 km (by rd) W San Marcos, elev. 2100 m, San Marcos, Guatemala

1 Jan	4787. Bolitoglossa flavimembris	tissue
165359	4788. Bolitoglossa franklini	"
	4789. " "	"
	4790. " "	"
	4791. " "	"
	4792. Bolitoglossa engelhardti	tissue
	4793. " "	"
	4794. " "	"
	4795. " "	"
	4796. " "	"
	4797. " "	"
	4798. " "	"
	4799. " "	"

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Ruta Nacional #1, 15.5 km W (by rd) San Marcos, elev. 2100 m, San Marcos, Guatemala

1 Jan	4800.	Bolitoglossa engelhardti	tissue
	4801.	"	"
MVZ 165091	4802.	"	
165092	4803.	"	
165093	4804.	"	
165094	4805.	"	
165095	4806.	"	
165096	4807.	"	
165097	4808.	"	
165098	4809.	"	
165099	4810.	"	
165100	4811.	"	
165101	4812.	"	
165102	4813.	"	
165103	4814.	"	
	4815.	"	
165360	4816.	Rhadinaea lachrymans	tissue

Ruta Nacional #1, 12 km W (by rd) San Marcos, elev. 2450 m, San Marcos, Guatemala

1 Jan	4817.	Bolitoglossa flavimembris	tissue
	4818.	"	"
	4819.	Bolitoglossa franklini	
	4820.	"	"
MVZ 165057	4821.	"	"
165058	4822.	"	"
165059	4823.	Pseudoeurycea brunnata	
165060	4824.	"	"
165061	4825.	"	"

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		Ruta Nacional #1, 12 km W (by rd) San Marcos, elev. 2450 m, San Marcos, Guatemala	
MVZ 165062	1 Jan	4826. *Pseudoeurycea brunnata*	
165063		4827.	" "
165064		4828.	" "
165065		4829.	" "
165066		4830.	" "
165067		4831.	" "
165068		4832.	" "
165069		4833.	" "
165070		4834.	" "
165071		4835.	" "
165072		4836.	" "
165073		4837.	" "
165074		4838.	" "
165075		4839.	" "
165076		4840.	" "
165077		4841.	" "
165078		4842.	" "
165079		4843.	" "
165080		4844.	" "
165081		4845.	" "
165082		4846.	" "
165083		4847.	" "
165084		4848.	" "
165085		4849.	" "
165086		4850.	" "
165087		4851.	" "
165088		4852.	" "

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Ruta Nacional 1, 12 km W (by rd) San Marcos, San Marcos, Guatemala, elev. 2450m

MVZ 165089 | 1 Jan | 4853. Pseudoeurycea brunnata

MVZ 165090 | 4854. " "

Ridge approx. 3 km W. El Rincon, 2750-2850m, San Marcos, Guatemala

2 Jan | 4855. Pseudoeurycea brunnata tissue

4856. Pseudoeurycea goebeli "

4857. " " "

4858. Pseudoeurycea

4859. "

4860. "

4861. "

4862. "

4863. "

4864. "

4865. "

4866. "

4867. "

4868. " sp

4869. " "

MVZ 165104 | 4870. Bolitoglossa rostrata - ad. ♀

165105 | 4871. " " - egg clutch coll. w. 4870

165106 | 4872. " " - ad ♀

165107 | 4873. " " - egg clutch coll. w. 4872

165108 | 4874. " " - ad ♀

165109 | 4875. " " - egg clutch coll. w. 4874

165110 | 4876. " " - ad ♀

165111 | 4877. " " - egg clutch coll. w. 4876

4878. " " tissue

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Ridge approx. 3 km W. El Rincon, 2750-2850 m, San Marcos, Guatemala

2 Jan		4879.	*Bolitoglossa rostrata*	tissue
		4880.	〃	〃
		4881.	〃	〃
MCZ	165112	4882.	〃	〃
	165113	4883.	〃	〃
	165114	4884.	〃	〃
	165115	4885.	〃	〃
	165116	4886.	〃	〃
	165117	4887.	〃	〃
	165118	4888.	〃	〃
	165119	4889.	〃	〃
	165120	4890.	〃	〃
	165121	4891.	〃	〃
	165122	4892.	〃	〃
	165123	4893.	〃	〃
	165124	4894.	〃	〃
	165125	4895.	〃	〃
	165126	4896.	〃	〃
	165127	4897.	〃	〃
	165128	4898.	〃	〃
	165129	4899.	〃	〃
	165130	4900.	〃	〃
	165131	4901.	〃	〃
	165132	4902.	〃	〃
	165133	4903.	〃	〃
	165134	4904.	〃	〃
	165135	4905.	〃	〃

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NV2 165136	Ridge approx. 3km W. El Rincon, 2750-2850m, San Marcos, Guatemala
2 Jan	4906. Bolitoglossa rostrata
165137	4907. " "
165138	4908. " "
165139	4909. " "
165140	4910. " "
165141	4911. " "
165142	4912. " "
165143	4913. " "
165144	4914. " "
165145	4915. " "
165146	4916. " "
165147	4917. " "
165148	4918. " "
165149	4919. " "
165150	4920. " "
165151	4921. " "
165152	4922. " "
165153	4923. " "
165154	4924. " "
165155	4925. " "
165156	4926. " "
165157	4927. " "
	4928. " "
165158	4929. Thamnophis cyrtopsis

Seib, R

Frozen Tissues

Sauromalus

2511-12	Santa Agueda	Sur	
2546	22 ml. N (by Mex hwy 1) Loreto	Sur	
2783	19.6 ml S (by Mex hwy 1) Mulege	Sur	
2858-60	5.5 mile N (by Mex hwy 1) San Ignacio	Sur	
2935	3.3 ml N (by Mex hwy 1) San Ignacio	Sur	
2968-69	2.1 ml W (by rd) El Arco	Sur	(4380)
3080-81	7 km W (by rd) Bahia L.A.	Norte	
3106-09	"		
3118-23	41.5 mile S (by Mex hwy 1) Catavina [3118 => Petrosaurus repens]		
3208-26	Darwin Falls, Inyo County, Ca.		

R.L. Seib
1978-1979

MEXICO AND GUATEMALA

Catalogue
(incl. California specimens)

1979 #4930-6805

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1.2 ml. SE (by Wildcat Canyon Rd.) Inspiration Pt., ~~Hamed~~ Contra Costa Co., California

19 Jan	4930. Batrachoseps attenuatus	
181152	4931. Taricha torosa (clear & stain.	
181153	4932. " " "	
181154	4933. " " "	
AT. coll. 10,243	4934. " "	
10,244	4935. " "	
10,245	4936. " "	
10,246	4937. " "	
10,247	4938. " "	
10,248	4939. " "	
10,249	4940. " "	
10,250	4941. " "	
10,251	4942. " "	
10,252	4943. " "	
28 Jan	Point Pinole, San Pablo, Contra Costa Co., California	
181155	4944. Bufo boreas (cl & stn.)	

Rocky hillside above Puerto Marquez along Acapulco airport rd., Guerrero, Mexico

d) 6 Feb 181148	4945. Anolis taylori	cl & stn.
	Baja California Norte	
181132 1977	4946. Bufo punctatus	cl & stn.
181133	4947. " "	"
181134	4948. " "	"
	4949. Notiosorex crawfordi	"
	4950. " "	"
Jan 1978	4951. Chameleo dilepis	tissue 9 Mar 1979 3♂ eggs

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Finca San Jeronimo, elev. 760 m., 7.5 km N (by rd.) Cacahoatan, Chiapas, México

165889 23 March	4952.	Coniophanes fissidens		3.1 gm.	157 + 61 mm
165890	4953.	"	"	2.3	143 + 62
165891	4954.	"	"	11.0	246 + 123
165892	4955.	"	"	13.0	258 + 140
165893	4956.	"	"	8.2	214 + 25 cut
165894	4957.	"	"	12.0	251 + 140
165895	4958.	"	"	6.9	213 + 15 cut
165896	4959.	"	"	~~11.0~~ 3.7	~~246~~ 162 + ~~123~~ 80
165897	4960.	"	"	10.0	238 + 122
165898	4961.	"	"	11.0	245 + 106
165899	4962.	"	"	10.0	241 + 112
165951	4963.	Geophis nasalis		9.2	215 + 48
165952	4964.	"	"	4.9	172 + 36
165953	4965.	"	"	0.9	96 + 14
165954	4966.	"	"	0.9	96 + 15
165955	4967.	"	"	10.5	226 + 44
165975	4968.	Ninia diademata		2.2	150 + 72
165976	4969.	"	"	3.9	207 + 90
165977	4970.	"	"	3.6	196 + 91
165978	4971.	"	"	4.0	200 + 90
165999	4972.	Ninia sebae		0.9	96 + 31
166000	4973.	"	"	3.5	178 + 57
166001	4974.	"	"	7.8	236 + 78
166002	4975.	"	"	9.9	246 + 82
166003	4976.	"	"	4.4	193 + 48
166004	4977.	"	"	9.1	245 + 82
166005	4978.	"	"	6.5	222 + 56

Seib, R.
1979

Finca San Jeronimo, elev. 760m, 7.5 km N (by rd.) Calaohatan, Chiapas, México

166006 23 March	4979.	Ninia sebea	~~0.9~~ 4.8 gm	~~104~~ 203 + ~~27~~ 51 mm
166007	4980.	" "	9.1	235 + 59
166008	4981.	" "	13.0	283 + 72
166009	4982.	" "	7.5	209 + 56
166010	4983.	" "	1.0	103 + 26
166011	4984.	" "	0.9	104 + 27
166012	4985.	" "	8.3	258 + 65
166013	4986.	" "	11.5	273 + 69
166014	4987.	" "	9.6	245 + 79
166095	4988.	Pliocercus elapoides	2.9	150 + 90
166096	4989.	" "	2.2	128 + 85
167113	4990.	Scaphiodontophis	21.5	325 + 161 cut
167119	4991.	Micrurus nigrocinctus	42.5	568 + 68
165900	4992.	Coniophanes fissidens	—	—
165901 24 March	4993.	" "	11.0	235 + 127
165902	4994.	" "	11.5	265 + 80 cut
165903	4995.	" "	4.8	181 + 33 cut
165904	4996.	" "	16.5	278 + 143
165905	4997.	" "	12.0	253 + 35 cut
165906	4998.	" "	20.5	303 + 44 cut
165907	4999.	" "	6.3	194 + 102
165908	5000.	" "	9.7	215 + 85
165909	5001.	" "	11.5	254 + 134
165910	5002.	" "	25.0	292 + 128
165911	5003.	" "	4.5	178 + 26 cut
165912	5004.	" "	8.1	235 + 30 cut
165947	5005.	Drymobius margaratiferus	150+	619 + 304 cut

Seib, R.
1979

Finca San Jeronimo, elev. 760m, 7.5 km N (by rd.) Cacahoatan, Chiapas, Mexico

165946 24 March	5006.	Drymobius margaritiferus	51.0 gm	493 + 314 mms
165956	5007.	Geophis nasalis	12.0	242 + 53
165957	5008.	" "	0.8	92 + 18
165958	5009.	" "	12.5	237 + 51
165959	5010.	" "	8.5	216 + 46
165960	5011.	" "	0.9	93 + 16
165979	5012.	Ninia diademata	7.1	245 + 116
165980	5013.	" "	4.8	212 + 102
165981	5014.	" "	5.0	234 + 206
165982	5015.	" "	2.8	197 + 87
165983	5016.	" "	5.0	241 + 126
166015	5017.	Ninia sebae	4.8	194 + 50
166016	5018.	" " Mexico 24 Aug	9.9	262 + 68
166017	5019.	" "	5.1	199 + 51
166018	5020.	" "	8.6	238 + 85
166019	5021.	" "	5.8	198 + 64
166020	5022.	" "	4.7	192 + 64
166021	5023.	" "	8.4	234 + 59
166022	5024.	" "	0.9	101 + 28
166023	5025.	" "	0.8	98 + 25
166024	5026.	" "	8.3	227 + 55
166025	5027.	" "	9.5	246 + 85
166026	5028.	" "	7.5	228 + 75
166027	5029.	" "	7.5	244 + 77
166028	5030.	" "	4.1	161 + 50
166029	5031.	" " Mexico 27 Aug	6.6	219 + 56
166030	5032.	" "	8.2	239 + 77

Seib, R.
1979

Finca San Jeronimo, elev. 760m, 7.5 km N (by rd.) Cacaohatan, Chiapas, Mexico

166031	24 March	5033. Ninia sebeq	11.0 gm 260 + 61 mm
166032		5034. " "	7.6 220 + 70
166033		5035. " "	8.5 242 + 61
166097		5036. Pliocercus elapoides	17.5 288 + 84 cut
166098		5037. " "	17.0 299 + 49 cut
166099		5038. " "	Alive, stub tail
167110		5039. Rhadinaea posadasi	~~? 0.9~~ 1.2 133 + 62
167111		5040. " "	3.4 203 + 120
167118		5041. Tropidodipsas sartori	35.5 446 + 107
167120		5042. Micrurus nigrocinctus	27.5 490 + 85
167121		5043. " "	21.0 487 + 55
167122		5044. " "	40.5 541 + 95

Finca Monte Perla, elev. 960m, 18.8 km NE (by rd.) Cacaohatan, Chiapas, Mexico

165856	24 March	5045. Adelphicos quadrivirgatus	4.1 ~~4.2~~ 181 ~~219~~ + 33 ~~25~~
165857		5046. " "	4.2 219 + 25
165858		5047. " "	3.6 184 + 25
165859		5048. Drymobius margaritiferus	78.0 496 + 309
165860		5049. Geophis nasalis	0.9 91 + 18
165861		5050. Ninia diademata	4.1 228 + 100

Finca San Jeronimo, 7.5 km N (by rd.) Cacaohatan, elev. 760m, Chiapas, Mexico

165887	25 March	5051. Adelphicos quadrivirgatus	3.8 gm 209 + 35 mm
165888		5052. " "	0.8 96 + 14
165913		5053. Coniophanes fissidens	11.0 259 + 30 cut
165914		5054. " "	17.0 280 + 42 cut
165915		5055. " "	12.0 251 + 124
165916		5056. " "	25.0 322 + 59 cut
165917		5057. " "	6.0 175 + 80

Seib, R.
1979

Finca San Jeronimo, elev. 760m, 7.5 km N (by rd.) Ocacohatan, Chiapas, México

165918 25 March	5058. Coniophanes fissidens		13.0 gm	243 + 126 mm
165919	5059.	"	"	12.0	240 + 128
165920	5060.	"	"	18.0	297 + 140
~~165921~~	~~5061.~~	~~"~~	~~"~~	~~1.9~~	~~130 + 59~~
165922 ~~165922~~	5062.	"	"	4.6	183 + 30 CUT
165923 ~~165923~~	5063.	"	"	1.9	123 + 17 CUT
165949	5064. Drymobius margaritiferus		94.0	528 + 94 CUT
165961	5065. Geophis nasalis		9.3	230 + 51
165962	5066.	"	"	0.9	105 + 17
165963	5067.	"	"	15.5	271 + 56
165964	5068.	"	"	0.7	88 + 14
165965	5069A	"	"	13.5	256 + 48
165966	5069B	"	"	0.7	97 + 15
167108	5070. Mastigodryas melanolomus		28.5	451 + 185
167109	5071.	"	"	32.0	~~5~~01 + 149 CUT
165984	5072. Ninia diademata		5.1	237 + 110
165985	5073.	"	"	1.4	137 + 62
165986	5074.	"	"	4.5	210 + 117
165987	5075.	"	"	2.5	170 + 87
165988	5076.	"	"	3.9	206 + 104 ♀
165989	5077.	"	"	4.2	209 + 115
165990	5078.	"	"	5.6	234 + 113
165991	5079.	"	"	4.6	216 + 117
165992	5080.	"	"	3.7	199 + 102
166034	5081. Ninia sebae		0.9	108 + 34
166035	5082.	"	"	5.0	186 + 56
166036	5083.	"	"	11.0	266 + 70
166037	5084.	"	"	4.6	192 + 58

25 May " Mexico

Spib, R.
1979

Finca San Jeronimo, elev. 760m, 7.5 km N (by rd.) Cacahoatan, Chiapas, Mexico

25 March 166038	5085.	*Ninia sebae*	3.4 gm	171 + 55 mm
166039	5086.	" "	7.9	244 + 81
166040	5087.	" "	7.1	221 + 69
166041	5088.	" "	0.9	102 + 24
166042	5089.	" "	8.1	232 + 73
166043	5090.	" "	12.0	267 + 69
166044	5091.	" "	7.5	213 + 51
166045	5092.	" "	7.7	232 + 73
166046	5093.	" "	9.5	239 + 60
166047	5094.	" "	7.7	245 + 61
166048	5095.	" "	~~9.5~~ 0.8	~~239~~ 98 + ~~60~~ 24
166049	5096.	" "	0.9	102 + 32
166050	5097.	" "	8.1 25 Aug	227 + 59
166051	5098.	" "	4.0	181 + 59
166052	5099.	" "	7.0	224 + 78
166053	~~5100~~.	" "	10.5	257 + 65
166054	5101.	" "	8.2	232 + 74
166055	5102.	" "	13.5	287 + 99
166056	5103.	" "	7.5	214 + 70
166057	5104.	" "	7.1	222 + 73
166100	5105.	*Pliocercus elapoides*	6.6	207 + 136
~ # series 167101	5106.	" "	15.5 25 Aug	273 + 65 cut
167102	5107.	" "	15.0	260 + 204
167103	5108.	" "	15.5	278 + 193
167104	5109.	" "	19.5	285 + 133 cut
180404 ~~166105~~	5110.	" "	alive, cool + wet	
167114	5111.	*Scaphiodontophis*	30.5	340 + 258

Seib, R.

1979

Finca Monteperla, elev. 960m, 18.8 km NE (h.id.) Cacaohatan, Chiapas, México

165862 25 March	5112. Adelphicos quadrivirgatus	3.0 gm	176 + 31 mm
165863	5113. " "	4.6	197 + 34
165864	5114. " "	4.6	194 + 32
165865	5115. Coniophanes fissidens	13.5	243 + 205
165866	5116. " "	15.5	267 + 116
165867	5117. " "	4.4	180 + 42 cut
165868	5118. Clelia scytalina	29.5	463 + 107
165869	5119. Geophis nasalis	4.8	189 + 32
165870	5120. " "	0.6	92 + 17
165871	5121. " "	14.5	275 + 42
165872	5122. " "	0.6	87 + 18
165873	5123. " "	9.0	231 + 50
165874	5124. " "	9.9	217 + 49
165875	5125. " " Mexico	11.5 25 Aug	239 + 49
165876	5126. " "	11.5	235 + 52
165877	5127. " "	10.0	236 + 55
165878	5128. " "	12.5	267 + 55
165879	5129. " "	6.1	198 + 29
165880	5130. " "	1.0	102 + 19
165881	5131. Ninia diademata	3.8	210 + 91
165882	5132. " "	6.5	257 + 134
165883	5133. Ninia sebae	6.5	225 + 75
165884	5134. " "	10.1	278 + 70
165885	5135. Pliocercus elapoides	23.0	312 + 203
165886	5136. " "	2.7	135 + 75
170327	5137. Micrurus latifasciatus	ALIVE	

SEIB. R. L.

1979

	FINCA SAN JERONIMO, ELEV. 760M. 7.5KM. N. (BY RD) CACAOHATAN, CHIAPAS, MEXICO		
MVZ 167137 23-25 March	5138	Eleutherodactylus	rhodopsis
MVZ 167138	5139	"	"
167139	5140	"	"
167140	5141	"	"
167141	5142	"	"
167142	5143	"	"
167143	5144	"	"
167144	5145	"	"
167145	5146	"	"
167146	5147	"	"
167147	5148	"	"
167148	5149	"	"
167149	5150	"	"
167150	5151	"	"
167151	5152	"	"
167152	5153	"	"
167153	5154	"	"
167154	5155	"	"
167155	5156	"	"
167156	5157	"	"
167157	5158	"	"
167158	5159	"	"
167159	5160	"	"
167160	5161	"	"
167161	5162	"	"
167162	5163	Eleutherodactylus	rugulosus
167163	5164	"	"

SEIB, R.L.

1979

FINCA SAN JERONIMO, ELEV. 760M., 7.5 KM. N. (BYRD) CACAOHATAN, CHIAPAS, MEXICO.

167164 – 25 March	5165. Eleutherodactylus	rugulosus		
167165	5166. "	"		
167166	5167. "	"		
167167	5168. "	"		
167168	5169. "	"		
167169	5170. Rana	maculata		
167170	5171. Scincella	assatum	assatum	
167171	5172. "	"	"	
167172	5173. "	"	"	
167173	5174. "	"	"	
167174	5175. "	"	"	
167175	5176. "	"	"	

Mexico 25 March

Finca Santa Julia, elev. 1100m, 1¼ km E, ¾ km S, San Rafael Pie de la Cuesta, San Marcos, Guatemala

165802 26 March	5177. Adelphicos	quadrivirgatus		8.6	253 + 29
165803	5178. "	"		3.6	165 + 27
165804	5179. "	"		3.2	174 + 20
165805	5180. "	"		2.7	147 + 20
165806	5181. "	"		3.0	157 + 23
165807	5182. "	"		3.4	168 + 23
165808	5183. "	"		5.9	230 + 29
165809	5184. "	"		3.1	158 + 22
165810	5185. "	"		4.8	183 + 27
165811	5186. "	"		6.8	195 + 31
165823	5187. Coniophanes	fissidens		11.5	236 + 22 cot
165824	5188. "	"		19.5	293 + 149
MVZ 165526	5189. Geophis	nasalis	♂	9.5	209 + 45 ♂
165527	5190. "	"	♀	9.2	225 + 32 ♀

Seib, R.
1979

Finca Santa Julia, elev. 1100m, 1¼km E, ¾km S, San Rafael Pie de la Cuesta, San Marcos, Guatemala

26 March 165528	5191. Geophis nasalis	♂	16.5 gm	279 + 52 mm
165529	5192. " "	♂	10.0	239 + 53
165530	5193. " "	♂	12.5	237 + 48
165531	5194. " "	♀	9.5	229 + 35 ♀
165532	5195. " "	♂	13.5	265 + 57
165533	5196. " "	♂	12.5	247 + 52
165534	5197. " "	♀	10.5	240 + 25 stub ♀
165535	5198. " "	♂	7.5	205 + 40
165536	5199. " "	♂	6.4	179 + 35
165537	5200. " "	♂	15.5	272 + 53
165538	5201. " "	♀	5.8	183 + 28 ♀
165539	5202. " "	♂	10.0	226 + 45
165540	5203. " "	♂	1.2	105 + 19
165541	5204. " "	♀	4.0	165 + 22 ♀
165542	5205. " "	♂	1.0	96 + 17
165543	5206. " "	♂	1.0	99 + 16
165544	5207. " "	♀	1.0	99 + 18 broken
165545	5208. " "	♂	0.9	98 + 19
165546	5209. " "	♂	1.1	100 + 19
165547	5210. " "	♂	3.5	165 + 30 ♂
165548	5211. " "	♂	1.0	97 + 18
165549	5212. " "	♂	1.1	97 + 16
165550	5213. " "	♂	0.8	92 + 17
165551	5214. " "	♀	1.0	103 + 15
165552	5215. " "	♀	1.3	112 + 17
165553	5216. " "	♀	1.2	106 + 16
165554	5217. " "	♂	1.3	106 + 17

Seib, R.
1979

Finca Santa Julia, elev. 1100m, 1¼km E, ¾km S, San Rafael Pie de la Cuesta, San Marcos, Guatemala

MVZ 165555	26 March	5218.	Geophis nasalis	♂ 0.6 gm	84 + 15 mm
165556		5219.	" "	♂ 13.5	248 + 53 ♂
165557		5220.	" "	♀ 1.8	124 + 19
165558		5221.	" "	♂ 17.0	274 + 56 ♂
165559		5222.	" "	♂ 14.5	257 + 56 ♂
165560		5223.	" "	♂ 7.5	209 + 40 ♂
165561		5224.	" "	♀ 1.2	105 + 16
165562		5225.	" "	♂ 8.0	208 + 41 ♂
165563		5226.	" "	♂ 1.2	101 + 19
165564		5227.	" "	♀ 0.5	86 + 13
165565		5228.	" "	♂ 12.5	246 + 47 ♂
165566		5229.	" "	♂ 1.1	96 + 17
165567		5230.	" "	♀ 6.4	212 + 34 ♀
165568		5231.	" "	♀ 10.5	228 + 36 ♀
165569		5232.	" "	♀ 14.5	251 + 35 ♀
165570		5233.	" "	♂ 12.0	235 + 48 ♂
165571		5234.	" "	♂ 11.0	236 + 48 ♂
165572		5235.	" "	♂ 14.0	266 + 56 ♂
165573		5236.	" "	♂ 10.0	221 + 46 ♂
165574		5237.	" "	♀ 5.0	188 + 26 ♀
165575		5238.	" "	♂ 11.0	243 + 53 ♂
165576		5239.	" "	♀ 15.5	261 + 39 ♀
165577		5240	" "	♀ 10.5	232 + 45 ♂
165578		5241.	" "	♂ 12.0	245 + 44 ♂
165579		5242.	" "	♂ 15.0	265 + 51 ♂
165580		5243.	" "	♂ 8.1	208 + 43 ♂
165581		5244.	" "	♂ 13.0	253 + 52 ♂

Seib, R.
1979

Finca Santa Julia, elev. 1100m, 1¼km E, ¾km S, San Rafael Pie de la Cuesta, San Marcos, Guatemala

165582 26 March	5245	Geophis nasalis	♂	1.2 gm	100 + 17 mm
165583	5246.	" "	♂	12.0	251 + 51 ♂
165584	5247.	" "	♀	4.9	182 + 26 ♀
165585	5248.	" "	♀	7.6	220 + 34 ♀
165832	5249.	Ninia diademata		7.0	246 + 107
165833	5250	" "		12.0	271 + 127
165834	5251.	" "		7.3	269 + 140
165839	5252.	Ninia sebae		12.5	286 + 89
165846	5253.	Rhadinaea hannsteini		3.8	189 + 77
165812	5254.	Adelphicos quadrivirgatus		6.5	243 + 29
165813	5255.	" "		6.0	204 + 30
165814	5256.	" "		7.7	236 + 33
165825	5257.	Coniophanes fissidens		5.2	167 + 84
165826	5258.	" "		26.5	334 + 62
165835	5259.	Ninia diademata		4.6	234 + 114
165836	5260.	" "		7.6	272 + 120
165840	5261.	Ninia sebae		15.5	279 + 70
165845	5262.	Pliocercus elapoides		~~6.0~~ 1.4	~~204 + 30~~ 117 61
165847	5263.	Rhadinaea hannsteini		7.6	220 + 90
165828	5264.	Drymobius chloroticus			
165651	5265.	Geophis nasalis	♀		316 + 52 ♀
165652	5266.	" "	♂		242 + 52 ♂
165653	5267.	" "	♀		280 + 45 ♀
165654	5268.	" "	♂		252 + 44 ♂
165655	5269.	" "	♂		272 + 56 ♂
165656	5270.	" "	♂		255 + 54 ♂
165657	5271.	" "	♀		276 + 47 ♀

Seib, R.
1979

Finca Santa Julia, 1¼km E, ¾km S San Rafael Pie de la Cuesta, elev. 1100m, San Marcos, Guatemala

165658 26 March	5272.	Geophis	nasalis	♂	260+56 ♂
165659	5273.	〃	〃	♂	265+60 ♂
165660	5274.	〃	〃	♂	262+54 ♂
661	5275.	〃	〃	♂	267+54 ♂
662	5276.	〃	〃	♂	244+48 ♂
663	5277.	〃	〃	♀	207+52 ♂
664	5278.	〃	〃	♂	278+59 ♂
665	5279.	〃	〃	♂	263+54 ♂
666	5280.	〃	〃	♂	232+39 ♂ broken
667	5281.	〃	〃	♂	234+47 ♂
668	5282.	〃	〃	♂	255+51 ♂
669	5283.	〃	〃	♀	288+15 broken, healed ♀
670	5284.	〃	〃	♂	238+47 ♂
671	5285.	〃	〃	♂	264+57 ♂
672	5286.	〃	〃	♂	246+55 ♂
673	5287.	〃	〃	♂	257+56 ♂
674	5288.	〃	〃	♂	234+49 ♂
675	5289.	〃	〃	♂	230+48 ♂
676	5290.	〃	〃	♀	295+49 ♀
677	5291.	〃	〃	♂	264+56 ♂
678	5292.	〃	〃	♂	236+46 ♂
679	5293.	〃	〃	♂	236+56 ♂
680	5294.	〃	〃	♀	238+35 ♀
681	5295.	〃	〃	♂	255+53 ♂
682	5296.	〃	〃	♂	227+46 ♂
683	5297.	〃	〃	♂	240+54 ♂
165684	5298.	〃	〃	♂	237+53 ♂

Seib, R.
1979

Finca Santa Julia, elev. 1100m, 14 km E, 3 km S, San Rafael Pie de la Cuesta, San Marcos, Guatemala

165685 26 March	5299.	Geophis nasalis	♀	241 + 38	♀
165686	5300.	" "	♂	267 + 51	♂
165687	5301.	" "	♂	266 + 53	♂
688	5302.	" "	♂	276 + 44	♀
689	5304.	" "	♀	251 + 37	♀
690	5305.	" "	♂	258 + 52	♂
691	5306.	" "	♂	254 + 57	♂
692	5307.	" "	♂	253 + 56	♂
693	5308.	" "	♀	272 + 43	♀
694	5309.	" "	♂	276 + 53	♂
695	5310.	" "	♀	274 + 46	♀
696	5311.	" "	♀	255 + 42	♀
697	5312.	" "	♀	239 + 39	♀
698	5313.	" "	♂	237 + 49	♂
699	5314.	" "	♂	262 + 56	♂
165700	5315.	" "	♂	262 + 53	♂
701	5316.	" "	♂	206 + 48	♂
702	5317.	" "	♀	290 + 48	♀
703	5318.	" "	♂	192 + 44	♂
704	5319.	" "	♀	253 + 40	♀
705	5320.	" "	♀	232 + 35	♀
706	5321.	" "	♂	246 + 56	♂
707	5322.	" "	♂	215 + 44	♂
708	5323.	" "	♀	222 + 36	♀
709	5324.	" "	♂	227 + 45	♂
710	5325.	" "	♀	269 + 42	♀
165 711	5326.	" "	♂	246 + 51	♂

Seib, R.

1979

Finca Santa Julia, 1¼ km E, ¾ km S, San Rafael Pie de la Cuesta, elev. 1100 m, San Marcos, Guatemala

165712 26 March	5327.	Geophis nasalis	♂		252-51 07
165830 27 March	5328.	Geophis cancellatus		0.9 gm	128 + 17 mm
165586	5329.	Geophis nasalis	♂	16.5	272 + 54
165587	5330.	"	♀	10.5	230 + 35
165588	5331.	"	♀	7.3	205 + 33
165589	5332.	"	♂	4.4	178 + 32
165590	5333.	"	♂	15.0	262 + 57
165591	5334.	"	♂	17.0	265 + 56
165592	5335.	"	♂	8.5	209 + 43
165593	5336.	"	♀	10.0	220 + 35
165594	5337.	"	♀	8.0	227 + 33
165595	5338.	"	♂	10.0	224 + 47
165596	5339.	"	♂	14.5	252 + 48
165597	5340.	"	♀	6.5	209 + 34
165598	5341.	"	♂	7.1	209 + 41
165599	5342.	"	♂	12.0	250 + 49
165600	5343.	"	♀	11.5	245 + 39
165601	5344.	"	♂	12.0	240 + 42
165602	5345.	"	♂	8.3	218 + 42
165603	5346.	"	♂	2.1	119 + 20
165604	5347.	"	♀	7.6	217 + 33
165605	5348.	"	♀	12.0	240 + 37
165606	5349.	"	♂	13.5	264 + 50
165607	5350.	"	♂	5.4	182 + 38
165608	5351.	"	♀	8.6	223 + 35
165609	5352.	"	♂	13.5	252 + 49
165610	5353.	"	♂	6.9	190 + 40

Seib, R.

1979

Finca Santa Julia, elev. 1100m, 1¼km E, ¾km S, San Rafael Pie de la Cuesta, San Marcos, Guatemala

165611	27 March	5354.	Geophis nasalis	♀	6.0 gm	198 201 + 31 32 ♀ mm
165612		5355.	"	♀	16.0	289 290 + 40 34 ♀
165613		5356.	"	♂	15.5	262 265 + 57 58 ♂
165614		5357.	"	♀	2.7	153 156 + 22 21
165615		5358.	"	♂	4.8	170 172 + 36 35 ♂
165616		5359.	"	♂	0.9	93 95 + 16 16
165617		5360.	"	♀	19.5	266 272 + 41 43 ♀
165618		5361.	"	♂	*4.2	166 168 + 36 37 ♂
165619		5362.	"	♂	0.7	87 88 + 15 16
165620		5363.	"	♀	13.0	244 248 + 35 36 ♀
165621		5364.	"	♂	12.5	237 243 + 50 49 ♂
165622		5365.	"	♂	1.5	109 112 + 21 21
165623		5366.	"	♀	0.9	89 93 + 14 15
165624		5367.	"	♀	9.5	216 232 + 35 35 ♀
165625		5368.	"	♀	6.5	197 200 + 31 32 ♀
165626		5369.	"	♂	13.5	252 256 + 50 50 ♂
165627		5370.	"	♂	5.0	165 167 + 34 35 ♂
165628		5371.	"	♂	9.0	226 225 + 46 47 ♂
165629		5372.	"	♂	1.4	101 104 + 18 17
165815		5373.	Adelphicos quadrivirgatus		2.3	153 + 23
165816		5374.	"		2.8	149 + 19
165837		5375.	Ninia diademata		5.1	232 + 100
165838		5376.	"		5.0	225 + 116
165841		5377.	Ninia sebae		10.0	242 + 51
165848		5378.	Rhadinaea hannsteini		0.9	115 + 38
165849		5379.	"		0.7	106 + 24 CUT
165850		5380.	"		5.2	219 + 63

Seib, R.

1979

Finca Santa Julia, elev. 1100m, 1½ km E, ¾ km S, San Rafael Pie de la Cuesta, San Marcos, Guatemala

165851				
27 March	5381.	Rhadinaea hannsteini	3.8	191 + 57
165852	5382.	" "	4.0	216 + 68
165853	5383.	" "	4.1	212 + 69
165854	5384.	" "	2.1	156 + 50
165817	5385.	Adelphicos quadrivirgatus	4.8	202 + 30
165818	5386.	" "	5.4	224 + 22
165819	5387.	" "	1.6	124 + 20
165820	5388.	" "	6.5	219 + 35
165821	5389.	" "	2.6	162 + 15
165822	5390.	" "	6.6	247 + 35
~~165823~~	5391.	" "		
~~165824~~	5392.	" "		
165827	5393.	Coniophanes fissidens	39.0	355 + 130 cot
165829	5394.	Drymobius chloroticus	56.5	581 + 265
165831	5395.	Geophis cancellatus		
165630	5396.	Geophis nasalis	♂ 1.5	106 + 17
165631	5397.	" "	♀ 1.0	99 + 14
165632	5398.	" "	♂ 0.9	94 + 19
165633	5399.	" "	♀ 2.4	137 + 22
165634	5400.	" "	♂ 1.1	97 + 15
165635	5401.	" "	♀ 0.7	120 + 17
165636	5402.	" "	♂ 5.0	183 + 38 ♂
165637	5403	" "	♀ 1.1	108 + 15
165638	5404.	" "	♂ 0.9	91 + 17
165639	5405.	" "	♀ 4.3	169 + 22 ♀
165640	5406.	" "	♀ 2.8	139 + 21
165641	5407.	" "	♂ 0.6	81 + 14

Seib, R.

1979

Finca Santa Julia, elev 1100m, ¼km E, ¾km S, San Rafael Pie de la Cuesta, San Marcos, Guatemala

MVZ 165642, 27 March	5408.	Geophis	nasalis	♂ 4.2 gm	67 69 + 31 32 ♂ mm
165643	5409.	"	"	♀ 6.5	92 96 + 30 ♀
165644	5410.	"	"	♀ 0.9	95 96 + 16 15
165645	5411.	"	"	♂ 2.6	135 137 + 23 25 ?
165646	5412.	"	"	♂ 1.6	97 100 + 17 18
165647	5413.	"	"	♀ 1.9	122 126 + 17 18
165648	5414.	"	"	♀ 1.0	95 98 + 13 18
165649	5415.	"	"	♀ 0.7	86 87 + 14 14
165650	5416.	"	"	♀ 2.0	125 126 + 15 19
	5417.	"	"		
	5418.	"	"		
	5419.	"	"		
	5420.	"	"		
	5421.	"	"		
	5422.	"	"		
	5423.	"	"		
	5424.	"	"		
165842	5425.	Ninia	sebae	5.3	211 + 22 COT
165843	5426.	"	"	1.1	109 + 33
165844	5427.	"	"	8.8	251 + 67
165713	5428.	Geophis	nasalis	♂	230 + 47 ♂
165714	5429.	"	"	♂	252 + 47 ♂
165715	5430.	"	"	♂	252 + 52 ♂
165716	5431.	"	"	♀	278 + 40 ♀
165717	5432.	"	"	♂	268 + 61 ♂
165718	5433.	"	"	♂	217 + 43 ♂
165719	5434.	"	"	♂	202 + 42 ♂

Seib, R.
1979

Finca Santa Julia, elev. 1100m, 1¼ km E, ¾ km S, San Rafael Pie de la Cuesta, San Marcos, Guatemala

165720 27 March	5435.	Geophis nasalis	♀	246 + 39	♀
165721	5436.	"	♂	216 + 43	♂
165722	5437.	"	♂	247 + 52	♂
165723	5438.	"	♂	206 + 42	♂
165724	5439.	"	♂	259 + 52	♂
725	5440.	"	♂	256 + 53	♂
726	5441.	"	♂	220 + 42	♂
727	5442.	"	♀	240 + 37	♀
728	5443.	"	♀	274 + 45	♀
729	5444.	"	♀	256 + 41	♀
730	5445.	"	♂	250 + 52	♂
731	5446.	"	♀	237 + 38	♀
732	5447.	"	♀	207 + 30	♀
733	5448.	"	♀	212 + 35	♀
734	5449.	"	♂	196 + 36	♂
735	5450.	"	♂	255 + 53	♂
736	5451.	"	♂	233 + 51	♂
737	5452.	"	♂	207 + 45	♂
738	5453.	"	♂	233 + 47	♂
739	5454.	"	♂	240 + 52	♂
740	5455.	"	♂	215 + 46	♂
741	5456.	"	♂	200 + 41	♂
742	5457.	"	♀	232 + 33	♀
743	5458.	"	♂	272 + 54	♂
744	5459.	"	♂	260 + 56	♂
745	5460.	"	♀	204 + 34	♀
165746	5461.	"	♀	204 + 32	♀

Seib, R.
1979

Finca Santa Julia, elev. 1100m, 1¼km E, ¾km S, San Rafael Pie de la Cuesta, San Marcos, Guatemala

165747 27 March	5462.	Geophis nasalis		♂	216 + 45 ♂
165748	5463.	〃	〃	♂	202 + 41 ♂
165749	5464.	〃	〃	♂	193 + 40 ♂
165750	5465.	〃	〃	♀	208 + 31 ♀
751	5466.	〃	〃	♀	212 + 33 ♀
752	5467.	〃	〃	♀	266 + 45 ♀
753	5468.	〃	〃	♂	~~250~~ 172 + 33 ~~+ 45~~ ♂
754	5469.	〃	〃	♂	196 + 43 ♂
755	5470.	〃	〃	♂	228 + 46 ♂
756	5471.	〃	〃	♂	174 + 31 ♂
757	5472.	〃	〃	♂	196 + 41 ♂
758	5473.	〃	〃	♂	198 + 43 ♂
759	5474.	〃	〃	♂	224 + 52 ♂
760	5475.	〃	〃	♂	223 + 47 ♂
761	5476.	〃	〃	♂	236 + 44 ♂
762	5477.	〃	〃	♂	243 + 56 ♂
763	5478.	〃	〃	♀	~~257 + 56~~ 198 + 33 ♀
764	5479.	〃	〃	♂	242 + 50 ♂
765	5480.	〃	〃	♀	217 + 33 ♀
766	5481.	〃	〃	♂	232 + 48 ♂
767	5482.	〃	〃	♀	197 + 31 ♀
768	5483.	〃	〃	♂	185 + 37 ♂
769	5484.	〃	〃	♂	192 + 37 ♂
770	5485.	〃	〃	♀	204 + 31 ♀
771	5486.	〃	〃	♂	174 + 32 ♂
772	5487.	〃	〃	♀	215 + 33 ♀
165773	5488.	〃	〃	♂	199 + 41 ♂

Seib, R.

1979

Finca Santa Julia, elev. 1100m, 1¼km E, ¾km S, San Rafael, Pie de la Cuesta, San Marcos, Guatemala

165774					
27 March	5489.	Geophis nasalis		♂	~~203~~ + 40 ♂
165775	5490.	"	"	♀	220 + 36 ♀
165776	5491.	"	"	♂	194 + 40 ♂
165777	5492.	"	"	♂	191 + 42 ♂
165778	5493.	"	"	♂	195 + 39 ♂
165779	5494.	"	"	♂	192 + 40 ♂
165780	5495.	"	"	♂	152 + 37 ♂
165781	5496.	"	"	♀	214 + 36 ♀
782	5497.	"	"	♂	194 + 35 ♂
783	5498.	"	"	♂	200 + 40 ♂
784	5499.	"	"	♂	158 + 37 ♂
785	5500.	"	"	♂	222 + 45 ♂
786	5501.	"	"	♂	172 + 36 ♂
787	5502.	"	"	♂	174 + 33 ♂
788	5503.	"	"	♂	140 + 26 ♂
789	5504.	"	"	♂	95 + 17
790	5505.	"	"	♀	100 + 15
791	5506.	"	"	♂	99 + 19
792	5507.	"	"	♂	90 + 16
793	5508.	"	"	♂	112 + 20
794	5509.	"	"	♀	96 + 13
795	5510.	"	"	♂	106 + 20
796	5511.	"	"	♀	91 + 13
797	5512.	"	"	♂	91 + 16
798	5513.	"	"	♂	88 + 16
799	5514.	"	"	♂	97 + 19
165 800	5515. A	"	"	♂	82 + 16
165 801	5515. B			♂	87 + 15

much fat, cleared away

Seib, R.
1979

Finca Santa Julia, elev. 1100m, 1¼ km E, ¾ km S, San Rafael Pie de la Cuesta, San Marcos, Guatemala

MVZ 165501	17 March	5516.	Scincella assatum assatum
165502		5517.	Scincella incertum
165503		5518.	Polyoglossa occidentalis
165504		5519.	" "
165505		5520.	Bufo canaliferus
165506		5521.	" "
165507		5522.	" "
165508		5523.	" "
165509		5524.	" "
165510		5525.	" "
165511		5526.	Bufo vallicops
165512		5527.	" "
165513		5528.	" "
165514		5529.	" "
165515		5530.	Eleutherodactylus rhodopsis
165516		5531.	" "
165517		5532.	" "
165518		5533.	" "
165519		5534.	" "
165520		5535.	" "
165521		5536.	Eleutherodactylus rugulosus
165522		5537.	" "
165523		5538.	" "
165524		5539.	" "
		5540.	Dermophis mexicana
		5541.	" "
		5542.	" "

Seib, R.
1979

Finca Santa Julia, elev. 1100 m, 1¼ km E, ¾ km S, San Rafael Pie de la Cuesta, San Marcos, Guatemala

27 March

5543. Dermophis mexicana
5544. " "
5545. " "
5546. " "
5547. " "
5548. " "
5549. " "
5550. " "
5551. " "
5552. " "
5553. " "
5554. " "
5555. " "
5556. " "
5557. " "
5558. " "
5559. " "
5560. " "
5561. " "
5562. " "
5563. " "
5564. " "
5565. " "
5566. " "
5567. " "
5568. " "
5569. " "

Seib, R.

1979

Finca Santa Julia, elev. 1100 m, 1/4 km E, 3/4 km S, San Rafael Pie de la Cuesta, San Marcos, Guatemala

27 March 5570. Dermophis mexicana

5571. " "

5572. " "

5573. " "

5574. " "

5575. " "

5576. " "

5577. " "

5578. " "

5579. " "

5580. " "

5581. " "

5582. " "

5583. " "

5584. " "

5585. " "

5586. " "

5587. " "

5588. " "

5589. " "

5590. " "

5591. " "

5592. " "

5593. " "

5594. " "

5595. " "

5596. " "

Seib, R.
1979

Finca Santa Julia, elev. 1100m, ¼km E, ¾km S, San Rafael P.o de la Cuesta, San Marcos, Guatemala

27 March — 5597. Permophis mexicana

MVZ 165525 — 5598. Oedipina ignea

Ruta Nacional #1, Below Roadside, San Marcos, Guatemala

28 March — 180406 — 5599. Coniophanes fissidens (native coll. & preserver)

165855 — 5600. Bothrops godmani "

40.2km NW (by Mexhwy 200) Tapachula, Chiapas, México

MVZ 167179 — 28 March — 5601. Boa constrictor

Approx 5km NNE (by dirt road) Mexhwy 200, 3km NW Escuintla, Chiapas, México

28 March — 5602. Bolitoglossa occidentalis

5603. " "

5604. " "

5605. " "

5606. " "

CAS 152161 — 5607. Anolis lemarinus

152162 — 5608. " "

152163 — 5609. " "

152164 — 5610. " "

152165 — 5611. " "

152166 — 5612. " "

152167 — 5613. " "

152168 — 5614. " "

152169 — 5615. " "

5616. " "

5617. " "

5618. " "

5619. " "

5620. " "

Seib, R.

1979

Aprox. 5 km NNE (by dirt rd.) Mex hwy 200, 3 km NW Escuintla, Chiapas, México

CAS 152161					
28 March	5621.	Basiliscus vittatus			
152162	5622.	"	"		
152163	5623.	"	"		
	5624.	"	"		alive for test tissue
167136	5625.	Ninia diademata			

Finca San Jeronimo

29 March	165924	5626.	Coniophanes fissidens	12.0	247 + 102 cut
	165925	5627.	"	20.0	285 + 52 cut
	165926	5628.	"	12.5	243 + 126
	165927	5629.	"	6.7	195 + 91 ♀
	165967	5630.	Geophis nasalis	0.9	93 + 17
	165968	5631.	"	11.5	254 + 40
holy days	165969	5632.	"	0.7	88 + 15
		5633.	"	prey item of # 5637	
	165993	5634.	Ninia diadema ta	5.0	229 + 119
	166094	5635.	Ninia sebea	12.5	268 + 71
	167115	5636.	Scaphiodontophis	22.0	306 + 259
	170328	5637.	Micrurus nigrocinctus		alive
	167176	5638.	~~Pachymedusa dachnicolor~~ Agalychnis moreleti		
	167112	5639.	Rhadinaea posedasi		alive tissue
	167117 *	5640.	Tantilla tayrae		tissue
	167116	5641.	Scaphiodontophis		tissue
110	skeleton	5642.	"		" [to John Cadle, for tissue & skeleton, skin]
	165928	5643.	Coniophanes fissidens	6.8	200 + 100
	165929	5644.	"	13.0	239 + 105
	165930	5645.	"	13.0	261 + 133
	165931	5646.	"	8.1	236 + 26 cut

Seib, R.

1979

Finca San Jeronimo, elev. ~~760~~ m, 7.5 km N (by rd.) Ocozocoautla, Chiapas, Mexico

29 March 165932	5647.	Coniophanes fissidens		17.0 gm	291 + 126
165933	5648.	"	"	6.5	224 + 22 cot
165934	5649.	"	"	6.8	210 + 93
165935	5650.	"	"	10.0	233 + 125
165936	5651.	"	"	12.5	261 + 139
165937	5652.	"	"	11.0	220 + 115
165938	5653.	"	"	10.0	232 + 114 ♂
165939	5654.	"	"	10.5	249 + 87
165940	5655.	"	"	3.5	163 + 72
165941	5656.	"	"	13.0	272 + 71 cot
165942	5657.	"	"	13.0	287 + 27 cot
165943	5658.	"	"	12.0	260 + 58 cot
165944	5659.	"	"	21.0	307 + 70 cot
165945	5660.	"	"	11.0	255 + 136
165946	5661.	"	"	3.6	160 + 76
165950	5662.	Drymobius margaritiferus		23.5	356 + 198
165970	5663.	Geophis nasalis		13.0	261 + 55
165971	5664.	"	"	6.6	214 + 35
165972	5665.	"	"	10.5	239 + 35
165973	5666.	"	"	0.8	93 + 15
165974	5667.	"	"	0.8	92 + 17
165994	5668.	Ninia diademata		1.5	146 + 65
165995	5669.	"	"	~~8~~ 2.6	182 + 81
165996	5670.	"	"	5.9	238 + 109
165997	5671.	"	"	5.3	232 + 103
165998	5672.	"	"	5.1	231 + 102
166058	5673.	Ninia sebae		0.9	103 + 25

Seib, R.

1979

Finca San Jeronimo, elev. 760m., 7.5 km N (by rd.) Cacahoatan, Chiapas, México

166059	29 March	5674.	Ninia sebeq	6.5 gm 198 + 67 mm
166060		5675.	" "	1.1 107 + 29
166061		5676.	" "	10.5 232 + 58
166062		5677.	" "	8.3 225 + 74
166063		5678.	" "	6.7 210 + 67
166064		5679.	" "	8.7 250 + 78
166065		5680.	" "	12.0 283 + 72
166066		5681.	" "	9.2 219 + 50
166067		5682.	" "	0.8 100 + 25
166068		5683.	" "	7.2 229 + 59
166069		5684.	" "	8.6 252 + 80
166070		5685.	" "	12.0 286 + 69
166071		5686.	" "	8.5 227 + 57
166072		5687.	" "	5.0 209 + 70
166073		5688.	" "	13.0 265 + 67
166074		5689.	" "	8.0 228 + 54
166075		5690.	" "	11.0 250 + 74
166076		5691.	" "	5.2 212 + 51
166077		5692.	" "	10.5 237 + 80
166078		5693.	" "	9.3 229 + 75
166079		5694.	" "	9.0 221 + 74
166080		5695.	" "	4.3 184 + 57
166081		5696.	" "	6.1 199 + 54
166082		5697.	" "	1.0 101 + 31
166083		5698.	" "	1.2 107 + 33
166084		5699.	" "	4.0 181 + 57
166085		5700.	" "	4.8 237 + 57

Seib, R.

1979

Finca San Jeronimo, elev. 760m, 7.5 km N (by rd) Cacahoatan, Chiapas, México

166086				
29 March	5701.	Ninia sebae	3.0 gm	158 + 50 mm
166087	5702.	" "	9.3	225 + 60
166088	5703.	" "	12.5	285 + 54
166089	5704.	" "	7.0	229 + 59
166090	5705.	" "	8.4	235 + 67
166091	5706.	" "	0.9	100 + 25
166092	5707.	" "	7.3	223 + 71
166093	5708.	" "	0.9	104 + 25
—	5709.	" "	9.2	236 + 74
167105	5710.	Pliocercus elapoides	17.5	280 + 190
167106	5711.	" "	12.5	250 + 89 cut
167107 *	5712.	" "	11.5	230 + 167
167123	5713.	Micrurus nigrocinctus	23.0	428 + 68
167124	5714.	" "	16.0	415 + 46
167125	5715.	" "	16.5	434 + 70
167126	5716.	" "	16.5	407 + 63
167177	5717.	Eleutherodactylus rugulosus		
167178	5718.	Dermophis mexicana		

Volcan Tacaná, elev. 2400m - 2510m, above Colonia Talquian, Chiapas, México

30 March	5719.	Bolitoglossa franklini	
	5720.	" "	
	5721.	" "	
	5722.	" "	
	5723.	" "	
	5724.	" "	
	5725.	" "	

Seib, R.
1979

Volcan Tacaná, elev. 2400m-2500m, above Colonia Talquian, Chiapas, México

30 March
5726. Bolitoglossa franklini
5727. " "
5728. " "?
5729. Plectrohyla sagorum

Bahama Islands

181156
11 April
5730. Tropidophis canus (cl & stn.)

On Water Company land east Tilden Park at Inspiration Pt, Alameda Co., California

7 April
5731. Gerrhontos coeruleus
5732. " "
5733. Diadophis punctatus

Finca Santa Julia, elev. 1100m, 1¼km E, ¾km S, San Rafael Pie de la Cuesta, San Marcos, Guatemala

			LAID 31 JAN	wt.	sv.	th.
26 April	5734.	Coniophanes fissidens	Hatched April 11	1.4 gm	108	47
	5735.	" "		1.3	104	43
eighed, measured,	5736.	" "		1.4	113	51
erved	5737.	" "		1.5	112	47
00 26 April	5738.	Ninia sebea	LAID 13-14 Feb	0.7	89	28
	5739.	" "	Hatched 25-26 April	0.7	84	27
	5740.	" "		0.7	87	23
	5741.	" "		0.8	89	28
	5742.	" "		0.7	89	24
	5743.	" "				

5 June
5744. Lepidophyma (born captivity)
5745. " "
5746. " "

Seib, R.

1979

Finca San Jeronimo, elev. 760m, 75 km N (by rd.) Cacahatan, Chiapas, México

14 June 169504	5747.	Coniophanes fissidens	9.6 gm.	224 + 101 mm.
169505	5748.	" "	9.7	238 + 65 cut
169515	5749.	Geophis nasalis	1.4	112 + 19
169516	5750.	" "	1.2	116 + 17
169529	5751.	Ninia diademata	5.1	223 + 127
169530	5752.	" "	6.1	224 + 203
169531	5753.	" "	4.6	223 + 116
169532	5754.	" "	2.0	163 + 80
169539	5755.	Ninia sebae	6.3	230 + 56
Below 169540	5756.	" "	7.2	233 + 77
169541	5757.	" "	6.0	221 + 78
169543	5758.	" "	6.7	226 + 53
169543	5759.	" "	1.5	115 + 29
169544	5760.	" "	11.0	274 + 69
169545	5761.	" "	8.3	259 + 83
169546	5762.	" "	10.5	303 + 63
169547	5763.	" "	9.0	228 + 58
169589	5764.	Micrurus nigrocintus	3.5	226 + 33
169501	5765.	Adelphicos quadrivirgatus	4.9	240 + 32
169502	5766.	" "	6.7	231 + 36
169503	5767.	" "	6.0	218 + 22 cut
above 169506	5768.	Coniophanes fissidens	12.0	255 + 117
169507	5769.	" "	10.5	245 + 122
169508	5770.	" "	12.5	270 + 65 cut
169509	5771.	" "	5.8	204 + 88
169510	5772.	" "	14.0	260 + 116
169511	5773.	" "	11.5	256 + 89 cut

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1979

Finca San Jeronimo

169512	14 June	5774.	Coniophanes fissidens	10.5 gm.
169513		5775.	" "	4.9
169514		5776.	" "	12.0
169517		5777.	Geophis nasalis	19.0
169518		5778.	" "	11.5
169519		5779.	" "	12.0
169520		5780.	" "	11.0
169521		5781.	" "	9.1
169522		5782.	" "	6.5
169523		5783.	" "	2.6
169524		5784.	" "	1.7
169525		5785.	" "	2.7
169526		5786.	" "	1.8
169527		5787.	" "	1.8
169528		5788.	" "	1.6
169533		5789.	Ninia diademata	3.6
169534		5790.	" "	1.8
169535		5791.	" "	1.2
169536		5792.	" "	2.6
169537		5793.	" "	1.4
169538		5794.	" "	4.5
169548		5795.	Ninia sebae	7.3
169549		5796.	" "	8.6
169550		5797.	" "	9.1
169551		5798.	" "	8.8
169552		5799.	" "	7.9
169553		5800.	" "	6.4

238 V + 126 V mm.
180 + 75
248 + 133
274 + 46
241 + 40
256 + 50
233 + 46
222 + 39
190 + 41
135 + 24
115 + 20
139 + 25
124 + 19
124 + 18
117 + 22
188 + 202
150 + 67
123 + 61
175 + 89
133 + 57
221 + 115
240 + 77
257 + 76
256 + 84
251 + 65
234 + 61
216 + 76

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1979

Finca San Jeronimo

169554	14 June	5801.	Ninia sebae	13.0 gm. 290 + 60 mm.
169555		5802.	" "	7.1 231 + 75
169556		5803.	" "	10.5 267 + 63
169557		5804.	" "	9.0 241 + 54
169558		5805.	" "	9.4 262 + 75
169559		5806.	" "	6.1 218 + 56
169560		5807.	" "	2.7 145 + 44
169561		5808.	" "	1.4 123 + 32
169562		5809.	" "	1.0 105 + 31
169563		5810.	" "	2.4 141 + 35
169564		5811.	" "	0.8 98 + 28
169565		5812.	" "	1.1 113 + 28
169566		5813.	" "	1.8 134 + 34
169567		5814.	" "	1.1 103 + 31
169568		5815.	" "	2.3 140 + 35
169569		5816.	" "	0.8 97 + 25
169570		5817.	" "	2.5 138 + 42
169571		5818.	" "	1.2 107 + 32
169572		5819.	" "	3.1 163 + 50
169573		5820.	" "	2.2 137 + 36
169574		5821.	" "	1.7 135 + 40
169575		5822.	" "	3.3 161 + 45
169576		5823.	" "	2.0 130 + 40
169577		5824.	" "	1.5 124 + 31
169578		5825.	" "	2.6 143 + 43
169579		5826.	" "	2.3 145 + 46
169580		5827.	Pliocercus elapoides	19.5 294 + 88 cut

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Finca San Jeronimo

169581	14 June	5828.	Pliocercus elapoides	4.3 gm.	174 +33 cur mm.
169582		5829.	" "	21.5	285 +185
169583		5830.	" "	10.5	256 +83 cur
169584		5831.	" "	5.8	185 +122
169585		5832.	" "	10.2	212 +170
169586		5833.	" "	28.5	314 +[illegible]210
169587		5834.	Tantilla tayrae	6.8	252 +57
169588		5835.	" "	9.1	255 +63
169590		5836.	Micrurus nigrocinctus	6.0	288 +31
169591		5837.	" "	4.3	252 +27
169592		5838.	" "	2.8	220 +33
169593		5839.	Bolitoglossa occidentalis		+
169594		5840.	Bufo canaliferus		+
169595		5841.	" "	To Mexico	+ 14 Aug
169596		5842.	" "		+
169597		5843.	" "		+
169598		5844.	" "		+
169599		5845.	Eleutherodactylus rhodopsis		+
169600		5846.	" "		+
169601		5847.	" "		+
169602		5848.	" "		+
169603		5849.	" "		+
169604		5850.	" "		+
169605		5851.	Eleutherodactylus rugulosus		+
169606		5852.	Scincella assatum assatum		+
169607		5853.	Anolis		+
169608		5854.	"	Mexico	+ 14 Aug

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Finca Santa Julia, plev. 1100m, ¼ km E, ¾ km S, San Rafael Pie de la Cuesta, San Marcos, Guatemala

170315	5855.	Micrurus latifasciata	♂	848+104 mm.
15 June 169609	5856.	Adelphicos quadrivirgatus	9.6	250+40
169610	5857.	"	1.4	118+12
169611	5858.	"	1.6	124+20
169612	5859.	"	7.5	239+33
169613	5860.	"	9.1	249+28
169614	5861.	"	1.0	100+14
169615	5862.	"	8.2	237+39
169616	5863.	"	10.0	260+31
169617	5864.	"	8.0	232+28
169618	5865.	"	6.7	217+29
169808	5866.	Geophis nasalis	1.2	♀ 103+14
169619	5867.	Adelphicos quadrivirgatus	18.0	336+41
169620	5868.	"	4.7	192+32
169621	5869.	"	9.4	255+40
169622	5870.	"	14.0	286+36
169623	5871.	"	0.8	92+14
169624	5872.	"	12.0	279+22
169625	5873.	"	1.4	113+17
169626	5874.	"	8.7	276+33
169627	5875.	"	10.5	265+32
169628	5876.	"	11.5	268+48
169629	5877.	"	9.0	236+28
169630	5878.	"	17.0	299+41
169631	5879.	"	9.3	260+42
169632	5880.	"	13.1	312+35
169633	5881.	"	7.5	225+24

Seib, R.
1979

Finca Santa Julia

180405 15 June	5882.	Adelphicos quadrivirgatus		4.6 sm	183+20
169634	5883.	"	"	11.0	253+40
169635	5884.	"	"	1.7	125+22
169636	5885.	"	"	12.0	312+37
169637	5886.	"	"	0.8	101+12
169638	5887.	"	"	9.5	253+34
169639	5888.	"	"	11.0	292+38
169640	5889.	"	"	9.6	242+42
169641	5890.	"	"	5.9	228+25
169642	5891. ← Field Data	"	"	23.0	346+45
169643	5892.	"	"	0.8	96+12
169644	5893.	"	"	9.4	237+27
169645	5894.	"	"	8.5	256+31
	~~5895.~~	"	"		
169646	5896.	"	"	11.0	275+34
169647	5897.	"	"	8.8	248+38
169648	5898.	"	"	8.3	239+36
169649	5899.	"	"	9.2	259+39
169650	5900.	"	"	12.0	263+33
169651	5901.	"	"	6.1	223+30
169652	5902.	"	"	11.0	273+33
169653	5903.	"	"	10.5	235+40
169654	5904.	"	"	5.9	190+30
169655	5905.	"	"	1.1	107+14
169656	5906.	"	"	8.1	226+39
169657	5907.	"	"	0.9	99+15
169658	5908.	"	"	19.5	324+26

Seib, R.
1979

Finca Santa Julia

169659 15 June	5909.	Adelphicos quadrivirgatus	9.0 sm	235+38
169660	5910.	~~Coniophanes fissidens~~ Adelphicos "	2.2	120+17
169661	5911.	"	13.0	293+34
169662	5912.	"	8.8	249+45
169663	5913.	"	19.0	335+42
169664	5914.	"	8.2	231+36
169665	5915.	"	8.3	222+35
169666	5916.	"	19.0	371+43
169667	5917.	"	1.9	132+16
169668	5918.	"	8.1	243+39
169669	5919.	"	7.0	232+27
169670	5920.	"	7.6	238+27
169671 8.1-242+39	5921..	"	10.7	288+34
169673	5923.	"	8.8	246+42
✓	~~5924.~~			+
✓	~~5985.~~	"		+
169674	5926.	"	11.5	294+33
169771	5927.	Coniophanes fissidens	1.0	(92+41) 92+43
169772	5928.	"	13.5	(251+114) 254+117
169773	5929.	"	1.5	(111+45) 111+46
169774	5930.		1.2	(100+44) 102+45
169775	5931.	"	1.4	(112+45) 14+45
169776	5932.	"	1.4	(108+45) 111+45
169777	5933.	"	19.0	(295+50) 300+52 cut
169778	5934.	"	8.6	219 92 (215+10)
169779	5935.	"	15.5	267+74 (266+72) cut
169795	5936.	Geophis cancellatus	1.3	127+14 (126+13)

Seib, R.
1979

Finca Santa Julia

169796	15 June	5937.	Geophis cancellatus	2.1 gm	167+13 (165+11)
169797		5938.	" "	2.4	177+14 (175+14)
169798		5939.	" "	1.5	152+14 (151+13)
169799		5940.	" "	1.4	132+12 (137+12)
170245		5941.	Ninia diademata	10.5	275+116 (273 broken +104)
170246		5942.	" "	10.0	276+73 (274+73) cut
170247		5943.	" "	7.3	255+115 (252+100 broken)
170248		5944.	" "	1.6	144+64 (148+62)
170256		5945.	Ninia sheq	10.0	253+68 (247+66)
170257		5946.	"	8.9	254+84 (254+83)
170258		5947.	"	2.4	145+40 (142+38)
170259		5948.	"	7.5	245+82 (245+82)
170260		5949.	"	8.6	243+80 (239+77)
170261		5950.	"	2.0	133+35 (129+34)
170262		5951.	"	12.0	291+88 (288+89)
170263		5952.	"	1.8	130+33 (127+36)
170264		5953.	"	0.9	101+32 (99+33)
170265		5954.	"	8.6	237+77 (236+76)
170266		5955.	"	10.0	271+81 (266+79)
170267		5956.	"	11.0	261+66 (256+66)
170268		5957.	"	2.0	137+35 (135+35)
170269		5958.	"	1.0	116+29 (116+30)
170270		5959.	"	1.5	119+34 (118+34)
170271		5960.	"	11.5	277+70 (275+71)
170272		5961.	"	2.8	154+38 (150+38)
170273		5962.	"	1.8	126+[illegible]39 (124+39)
170274		5963.	"	1.9	129+37 (128+37)

Seib, R.
1979

Finca Santa Julia

170275 15 June	5964.	Ninia sebae		14.5 gm	302 + 73 (297+71)
170276	5965.	"		13.0	274 + 71 (270+70)
170277	5966.	"		19.5	326 + 84 (321+83)
170278	5967.	"		14.5	295 + 75 (289+74)
170279	5968.	"		8.6	255 + 78 (247+76)
170280	5969.	"		10.0	272 + 91 (272+89)
170281	5970.	"		4.5	192 + 54 (190+51
170282	5971.	"		9.0	256 + 77 (249+78)
170283	5972.	"		6.6	228 + 71 (223+69)
170284	5973.	"		10.0	275 + 89 (272+89)
170313 ~~170286~~	5974.	Rhadinia hannstoini		1.2	127 + 25 (125+24) CUT
~~170287~~	5975.	Micrurus nigrocintus		4.8	240+25
MVZ 229625	5976.	"	"	51.0	494 + 80
169809 or species	5977.	Geophis nasalis		15.0 ♀	267 + 41
169810	5978.	"	"	10.5 ♀	162 + 40
169811	5979.	"	"	17.9 ♀	253 + 41
169812	5980.	"	"	27.0 ♀	300 + 50
169813	5981.	"	"	11.5 ♂	228 + 46
169814	5982.	"	"	6.9 ♀	202 + 27
169815	5983.	"	"	14.5 ♂	259 + 47
169816	5984.	"	"	18.0 ♀	280 + 45
169817	5985	"	"	1.0 ♀	102 + 15
169818	5986	"	"	2.4 ♀	132 + 19
169819	5987.	"	"	9.2 ♀	203 + 30
169820	5988.	"	"	16.0 ♀	254 + 39
169821	5989.	"	"	1.8 ♀	123 + 17
169822	5990.	"	"	12.6 ♀	232 + 36

Seib R.
1979

Finca Santa Julia

169823	15 June	5991.	Uroaphis nasalis	21.5 gm ♀ 275+43
169824		5992.	" "	16.0 ♀ 247+39
169825		5993.	" "	15.0 ♂ 264+54
169826		5994.	" "	8.5 ♂ 203+42
169827		5995.	" "	14.1 ♂ 260+52
169828		5996.	" "	1.6 ♀ 117+17
169829		5997.	" "	3.0 ♂ 139+24
169830		5998.	" "	5.2 ♂ 176+32
169831		5999	" "	10.0 ♂ 226+44
169832		6000.	" "	3.2 ♂ 134+25
169833		6001	" "	3.4 ♀ 152+25
169834		6002.	" "	2.8 ♀ 133+21
169835		6003.	" "	14.5 ♀ 235+33
169836		6004.	" "	11.5 ♀ 251+41
169837		6005.	" "	7.5 ♂ 194+41
169838		6006.	" "	18.5 ♀ 249+35
169839		6007.	" "	8.1 ♂ 195+37
169840		6008.	" "	18.5 ♀ 272+44
169841		6009.	" "	1.8 169840 ♀ 132+19
169842		6010.	" "	10.8 ♂ 220+44
169843		6011.	" "	3.3 ♂ 141+25
169844		6012.	" "	17.5 ♂ 275+57
169845		6013.	" "	12.0 ♀ 240+34
169846		6014.	" "	4.7 ♀ 175+25
169847		6015.	" "	2.0 ♂ 121+20
169848		6016.	" "	9.3 ♀ 247+35
169849		6017.	" "	22.0 ♀ 281+44

Seib, R.
1979

Finca Santa Julia

169850 15 June	6018. Geophis nasalis	2.4 SM	♀ 126+17
169851	6019. " "	1.1	♂ 95 +18
169852	6020. " "	2.2	♀ 141 + 20
169853	6021. " "	15.2	♀ 244+40
169854	6022. " "	16.5	♂ 254+56
169855	6023. " "	1.0	♀ 96 +16
169856	6024. " "	2.3	♀ 131 + 18
169857	6025. " "	1.3	♀ 108 + 15
169858	6026. " "	2.1	♂ 122 + 22
169859	6027. " "	1.3	♂ 102 + 19
169860	6028. " "	18.6	♂ 287 + 56
169861	6029. " "	3.1	♂ 144 + 19
169862	6030. " "	1.6	♀ 117 + 18
169863	6031. " "	8.6	♂ 219+41
169864	6032. " "	17.5	♀ 255+39
169865	6033. " "	16.0	♂ 287 +56
169866	6034 " "	15.5	♂ 246 +50
169867	6035. " "	1.3	♀ 109 +15
169868	6036. " "	16.5	♀ 252 + 39
169869	6037. " "	21.8	♀ 274 +44
169870	6038. " "	14.0	♂ 236 + 48
169871	6039. " "	3.0	♂ 142 + 26
169872	6040. " "	3.4	♂ 149 +24
169873	6041. " "	12.8	♀ 231 +35
169874	6042. " "	3.0	♀ 148 +20
169875	6043 " "	2.4	♀ 139 +21
169876	6044 " "	14.0	♂ 240 +52

Seib, R.
1979

Finca Santa Julia

169877	15 June	6045.	Geophis nasalis	14.5	♀ 252+40
169878		6046.	" "	24.6	♀ 300+47
169879		6047.	" "	12.0	♂ 250+51
169880		6048.	" "	3.6	♂ 142+25
169881		6049.	" "	13.0	♂ 247+54
169882		6050.	" "	1.8	♀ 120+19
169883		6051.	" "	1.8	♀ 119+20
169884		6052.	" "	17.5	♂ 262+51
169885		6053.	" "	16.5	♀ 260+44
169886		6054.	" "	3.2	♀ 147+23
169887		6055.	" "	9.9	♂ 217+41
169888		6056.	" "	11.5	♀ 223+35
169889		6057.	" "	4.3	♀ 163+24
169890		6058.	" "	12.0	♀ 228+37
169891		6059.	" "	10.1	♀ 210+30
169892		6060.	" "	1.9	♂ 119+20
169893		6061.	" "	3.5	♂ 142+25
169894		6062.	" "	9.5	♀ 211+29
169895		6063.	" "	3.0	♂ 144+18
* 169675		6064.	Adelphicos quadrivirgatus	7.5	226+36
169896		6065.	Geophis nasalis	12.8	♀ 228+36
169897		6066.	" "	8.1	♂ 201+41
169898		6067.	" "	22.7	♀ 266+43
169899		6068.	" "	13.3	♂ 247+49
169900		6069.	" "	3.9	♂ 156+26
169901		6070.	" "	3.3	♀ 148+24
169902		6071.	" "		♀ 202+33

Seib, R.
1979

Finca Santa Julia

164903						
15 June	6072.	Geophis nasalis		5 m	♂	264 + 52
164904	6073.	"	"		♂	260 + 56
164905	6074.	"	"		♀	290 + 48
164906	6075.	"	"		♀	281 + 44
164907	6076.	"	"		♂	204 + 41
164908	6077.	"	"		♀	247 + 45
164909	6078.	"	"		♀	292 + 44
164910	6079.	"	"		♀	254 + 35
164911	6080.	"	"		♀	239 + 35
164912	6081.	"	"		♂	255 + 52
164913	6082.	"	"		♂	264 + 47
164914	6083.	"	"		♀	222 + 35
164915	6084.	"	"		♂	249 + 50
164916	6085.	"	"		♂	254 + 47
164917	6086.	"	"	~~230~~	♀	230 + 33
164918	6087.	"	"		♀	267 + 44
164919	6088.	"	"		♂	239 + 52
164920	6089.	"	"		♂	242 + 51
164921	6090.	"	"		♂	232 + 47
164922	6091.	"	"		♂	272 + 55
164923	6092.	"	"		♀	256 + 37
164924	6093.	"	"		♀	256 + 40
164925	6094.	"	"		♂	220 + 44
164926	6095.	"	"		♀	266 + 44
164927	6096.	"	"		♀	220 + 34
164928	6097.	"	"		♀	280 + 41
164929	6098.	"	"		♂	205 + 41

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169430	15 June	6099. Geophis nasalis	♂	202 + 43
169431		6100. " "	♂	257 + 54
169432		6101. " "	♀	224 + 33
169433		6102. " "	♂	273 + 54
169434		6103. " "	♀	245 + 40
169435		6104. " "	♀	249 + 40
169436		6105. " "	♀	274 + 44
169437		6106. " "	♂	282 + 59
169438		6107. " "	♂	272 + 57
169439		6108. " "	♀	266 + 42
169440		6109. " "	♂	245 + 50
169441		6110. " "	♂	218 + 42
169442		6111. " "	♂	235 + 31 broken
169443		6112. " "	♀	280 + 41
169444		6113. " "	263+41 ♀	~~280 + 41~~
169445		6114. " "	♀	227 + 37
169446		6115. " "	♀	243 + 37
169447		6116. " "	♂	212 + 40
169448		6117. " "	♂	209 + 45
169449		6118. " "	♀	211 + 32
169450		6119. " "	♂	261 + 54
169451		6120. " "	♂	240 + 46
169452		6121. " "	♂	242 + 46
169453		6122. " "	♀	243 + 36
169454		6123. " "	♀	246 + 39
169455		6124. " "	♂	165 + 30
169456		6125. " "	♀	253 + 41

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169957					
15 June	6126.	Geophis nasalis		♂	182 + 34
169958	6127.	"	"	♀	183 + 26
169959	6128.	"	"	♂	162 + 28
169960	6129.	"	"	♂	157 + 28
169961	6130.	"	"	♀	115 + 17
169962	6131.	"	"	♀	132 + 18
169963	6132.	"	"	♀	119 + 16
169964	6133.	"	"	♀	114 + 15
169965	6134.	"	"	115 + 20 ♂	~~114~~ + ~~15~~
169966	6135.	"	"	129 + 21 ♀	~~115~~ + ~~20~~
169967	6136.	"	"	♂	134 + 23
169968	6137.	"	"	♀	128 + 18
169969	6138.	"	"	♀	132 + 19
169970	6139.	"	"	♂	117 + 19
169971	6140.	"	"	♂	107 + 19
169972	6141.	"	"	♀	102 + 15
169973	6142.	"	"	♂	129 + 23
169974	6143.	"	"	♀	137 + 19
169975	6144.	"	"	♂	146 + 27
169976	6145.	"	"	♂	128 + 22
169977	6146.	"	"	♀	129 + 18
169978	6147.	"	"	♀	111 + 17
169979	6148.	"	"	♂	130 + 15 broken
169980	6149.	"	"	♀	110 + 16
	6150.	"	"		+
	6151.	"	"		+
	6152.	"	"		+

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15 June	6153.	Geophis nasalis	SM	+
	6154.	" "		+
17031	6155.	RHadinaea Hannsteini	7.6	249+61 cut (250+61 ")
	6156.	Dermophis mexicana		
	6157.	"		
	6158.	"		
	6159.	"		
	6160.	"		
	6161.	"		
	6162.	"		
	6163.	"		
	6164.	"		
	6165.	"		
	6166.	"		
	6167.	"		
	6168.	"		
	6169.	"		
	6170.	"		
	6171.	"		
	6172.	"		
	6173.	"		
	6174.	"		
	6175.	"		
	6176.	"		
	6177.	"		
	6178.	"		
	6179.	"		

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5 June	6180.	Dermophis mexicana
	6181.	" "
	6182.	" "
	6183.	" "
	6184.	" "
	6185.	" "
	6186.	" "
	6187.	" "
	6188.	" "
	6189.	" "
	6190.	" "
	6191.	" "
	6192.	" "
	6193.	" "
	6194.	" "
	6195.	" "
	6196.	" "
	6197.	" "
	6198.	" "
	6199.	" "
	6200.	" "
	6201.	" "
	6202.	" "
	6203.	" "
	6204.	" "
	6205.	" "
	6206.	" "

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5 June 6207. Dermophis mexicana
6208. " "
6209. " "
6210. " "
6211. " "
6212. " "
6213. " "
6214. " "
6215. " "
6216. " "
6217. " "
6218. " "
6219. " "
6220. " "
6221. " "
6222. " "
6223. " "
6224. " "
6225. " "
6226. " "
6227. " "
6228. " "
6229. " "
6230. " "
6231. " "
6232. " "
6233. " "

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Finca Santa Julia

5 June

6234. Dermophis mexicana
6235. " "
6236. " "
6237. " "
6238. " "
6239. " "
6240. " "
6241. " "
6242. " "
6243. " "
6244. " "
6245. " "
6246. " "
6247. " "
6248. " "
6249. " "
6250. " "
6251. " "
6252. " "
6253. " "
6254. " "
6255. " "
6256. " "
6257. " "
6258. " "
6259. " "
6260. " "

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Finca Santa Julia

5 June

6261. Dermophis mexicana
6262. " "
6263. " "
6264. " "
6265. " "
6266. " "
6267. " "
6268. " "
6269. " "
6270. " "
6271. " "
6272. " "
6273. " "
6274. " "
6275. " "
6276. " "
6277. " "
6278. " "
6279. " "
6280. " "
6281. " "
6282. " "
6283. " "
6284. " "
6285. " "
6286. " "
6287. " "

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Finca Santa Julia

5 June	6288.	Dermophis mexicana	
	6289.	"	"
	6290.	"	"
	6291.	"	"
	6292.	"	"
	6293.	"	"
	6294.	"	"
	6295.	"	"
	6296.	"	"
	6297.	"	"
	6298.	"	"
	6299.	"	"
	6300.	"	"
	6301.	"	"
	6302.	"	"
	6303.	"	"
	6304.	"	"
	6305.	"	"
16 June	6306.	Bolitoglossa occidentalis	
	6307.	Oedipina ignea	
	6308.	"	"
169770	6309.	Amastridium veliferum	185+66
169780	6310.	Coniophanes fissidens	300+148
169781	6311.	"	" 230+113
169782	6312.	"	" 280+142
169783	6313.	"	" 250+65 broken
169784	6314.	"	" 225+74 broken

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169785	6 June	6315.	Coniophanes fissidens	257+109
169786		6316.	" "	225+68 broken
169787		6317.	" "	217+110
169788		6318.	" "	267+132
169789		6319.	" "	202+87
169790		6320.	" "	199+100
169791		6321.	" "	121+54
169792		6322.	" "	123+56
169793		6323.	" "	106+45
169676		6324.	Adelphicos quadrivirgatus	242+32
169677		6325.	" "	273+34
169678		6326.	" "	270+39
169679		6327.	" "	214+33
169680		6328.	" "	286+31
169681		6329.	" "	297+37
169682		6330.	" "	233+36
169683		6331.	" "	240+35
169684		6332.	" "	303+41
169685		6333.	" "	232+10 broken
169686		6334.	" "	202+32
169687		6335.	" "	217+37
169688		6336.	" "	198+26
169689		6337.	" "	280+32
169690		6338.	" "	287+32
169691		6339.	" "	200+29
169692		6340.	" "	300+32
169693		6341.	" "	235+25

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Finca Santa Julia

169694	6342.	*Adelphicos quadrivirgatus*	226+37
6 June 169695	6343.	"	278+32
169696	6344.	"	179+27
169697	6345.	"	289+36
169698	6346.	"	213+32
169699	6347.	"	307+32
169700	6348.	"	192+35
169701	6349.	"	266+34
169702	6350.	"	232+41
169703	6351.	"	267+31
169704	6352.	"	241+30
169705	6353.	"	263+30
169706	6354.	"	255+43
169707	6355.	"	267+30
169708	6356.	"	202+24
169709	6357.	"	211+32
169710	6358.	"	324+37
169711	6359.	"	348+38
169712	6360.	"	262+45
169713	6361.	"	217+38
169714	6362.	"	253+30
169715	6363.	"	190+31
169716	6364.	"	209+31
169717	6365.	"	216+30
169718	6366.	"	233+27
169719	6367.	"	252+30
169720	6368.	"	198+31

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Finca Santa Julia

169721	6 June	6369.	Adelphicos	quadrivirgatus	210+25 broken
169722		6370.	"	"	272+31
169723		6371.	"	"	224+23
169724		6372.	"	"	233+39
169725		6373.	"	"	252+32
169726		6374.	"	"	220+30
169727		6375.	"	"	216+35
169728		6376.	"	"	272+35
169729		6377.	"	"	252+36
169730		6378.	"	"	326+41
169731		6379.	"	"	203+20
169732		6380.	"	"	240+29
169733		6381.	"	"	205+26
169734		6382.	"	"	212+31
169735		6383.	"	"	202+32
169736		6384.	"	"	182+29
164737		6385.	"	"	182+30
169738		6386.	"	"	172+18
169739		6387.	"	"	173+28
169740		6388.	Gyalophis	nasalis	♀ 122+18
169741		6389.	Adelphicos	quadrivirgatus	144+16
164742		6390.	"	"	113+15
169743		6391.	"	"	137+20
169744		6392.	"	"	112+16
169745		6393.	"	"	117+15
169746		6394.	"	"	110+14
169747		6395.	"	"	116+11

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Finca Santa Julia

169748					
16 June	6396. Adelphicos quadrivirgatus				92+11
169749	6397.	"	"		103+17
169750	6398.	"	"		122+15
169751	6399.	"	"		122+14
169752	6400.	"	"		100+11
169753	6401.	"	"		115+13
169754	6402.	"	"		125+15
169755	6403.	"	"		106+12
169756	6404.	"	"		156+17
169757	6405.	"	"		106+14
169758	6406.	"	"		115+16
169759	6407.	"	"		109+17
169760	6408.	"	"		110+12
169761	6409.	"	"		100+11
169762	6410.	"	"		105+11
169763	6411.	"	"		110+13
169764	6412.	"	"		120+14
169765	6413.	"	"		118+14
169766	6414.	" (107+12)	"	169767 / 169768 6414A (110+14) 6414B (107+15)	169769-6414C (89+9)
169794	6415. Drymobius chloroticus				
169800	6416. Geophis cancellatus				265+26
169801	6417.	"	"		173+15
169802	6418.	"	"		172+15
169803	6419.	"	"		150+16
169804	6420.	"	"		122+14
169805	6421.	"	"		113+20
168806	6422	"	"		125+10

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Finca Santa Julia,

169807 16 June	6423. Geophis cancellatus				
169981	6424. Geophis nasalis			♀	283+45
982	6425.	"	"	♀	260+38
983	6426.	"	"	♂	205+42
984	6427.	"	"	♂	267+52
985	6428.	"	"	♀	222+35
986	6429.	"	"	♀	262+39
987	6430.	"	"	♀	276+46
988	6431.	"	"	♀	268+40
989	6432.	"	"	♂	208+43
990	6433.	"	"	♀	228+36
991	6434.	"	"	♂	200+40
992	6435.	"	"	♀	198+40
993	6436.	"	"	♀	239+38
994	6437.	"	"	♀	226+39
995	6438.	"	"	♀	261+43
996	6439.	"	"	♀	275+44
997	6440.	"	"	♀	202+30
998	6441.	"	"	♂	251+51
999	6442.	"	"	♀	226+34
170000	6443.	"	"	♀	226+36
170001	6444.	"	"	♀	281+44
002	6445.	"	"	♀	287+36
003	6446.	"	"	♂	220+46
004	6447.	"	"	♀	212+31
005	6448.	"	"	♂	190+37
006	6449.	"	"	♀	273+45

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Finca Santa Julia

170007 6 June	6450.	Geophis	nasalis	♂ 234+52
170008	6451.	"	"	♂ 202+42
009	6452.	"	"	♂ 226+47
010	6453.	"	"	♀ 239+35
011	6454.	"	"	♀ 185+47
012	6455.	"	"	♂ 281+61
013	6456.	"	"	♀ 298+50
014	6457.	"	"	♀ 254+40
015	6458.	"	"	♀ 262+44
016	6459.	"	"	♂ 241+46
017	6460.	"	"	♀ 242+37
018	6461.	"	"	♂ 241+51
019	6462.	"	"	♀ 220+35
020	6463.	"	"	♂ 203+41
021	6464.	"	"	♀ 272+39
022	6465.	"	"	♀ 254+41
023	6466.	"	"	♀ 241+38
024	6467.	"	"	♂ 247+52
025	6468.	"	"	♀ 209+32
026	6469.	"	"	♂ 261+52
027	6470.	"	"	♀ 250+41
028	6471.	"	"	♀ 288+37
029	6472.	"	"	♀ 206+30
030	6473.	"	"	♂ 236+36
031	6474.	"	"	♀ 273+42
032	6475.	"	"	♀ 252+41
033	6476.	"	"	♀ 226+33

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170034 June	6477.	Geophis nasalis	♀	241+37
035	6478.	" "	♂	197+41
036	6479.	" "	♀	270+40
037	6480.	" "	♀	209+29
038	6481.	" "	♂	260+56
039	6482.	" "	♂	200+42
040	6483.	" "	♀	295+46
041	6484.	" "	♀	240+42
042	6485.	" "	♂	209+42
043	6486.	" "	♂	217+41
044	6487.	" "	♀	293+49
045	6488.	" "	♂	233+48
046	6489.	" "	♀	213+33
047	6490.	" "	♀	275+45
048	6491.	" "	♀	234+32
049	6492.	" "	♂	210+39
050	6493.	" "	♀	253+32
051	6494.	" "	♂	270+46
052	6495.	" "	♀	196+31
053	6496.	" "	♀	240+36
054	6497.	" "	♀	270+42
055	6498.	" "	♂	247+50
~~056~~	6499.	" "	♀	290+41
057	6500.	" "	♀	227+36
058	6501.	" "	♂	247+52
059	6502.	" "	♀	263+40
060	6503.	" "	♀	249+39

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170061 June	6504.	Geophis nasalis	♀	237+37
062	6505.	" "	♀	212+31
063	6506.	" "	♂	246+40
064	6507.	" "	♀	282+43
065	6508.	" "	1 ♀	228+34
066	6509.	" "	♀	238+35
067	6510.	" "	♂	200+36
068	6511.	" "	♀	257+40
069	6512.	" "	♀	252+41
070	6513.	" "	♀	264+44
071	6514.	" "	♂	229+47
072	6515.	" "	♂	218+42
073	6516.	" "	♀	224+37
074	6517.	" "	♂	218+43
075	6518.	" "	♀	292+43
076	6519.	" "	♀	270+43
077	6520.	" "	♂	244+50
078	6521.	" "	♀	248+39
079	6522.	" "	♀	237+39
080	6523.	" "	♂	231+42
081	6524.	" "	♀	271+44
082	6525.	" "	♀	272+45
083	6526.	" "	♂	224+44
084	6527.	" "	♂	251+52
085	6528.	" "	♀	307+50
086	6529.	" "	1 ♀	255+42
087	6530.	" "	♂	237+52

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170088	6531.	Geophis nasalis	♀ 211+31	
6 June 170089	6532.	"	♀ 252+40	♀
170090	6533.	"	♂ 247+53	
091	6534.	"	♀ 261+42	
092	6535.	"	♂ 267+54	
093	6536.	"	♂ 228+24	
094	6537.	"	♂ 225+42	
095	6538.	"	♂ 214+45	
096	6539.	"	♀ 287+42	
097	6540.	"	♀ 234+35	
098	6541.	"	♀ 213+33	
099	6542.	"	♂ 247+53	
100	6543.	"	♂ 222+42	
101	6544.	"	♂ 183+32	
102	6545.	"	♀ 216+29	
103	6546.	"	♀ 234+39	
104	6547.	"	♀ 280+42	
105	6548.	"	♂ 225+42	
106	6549.	"	♀ 222+41	
107	6550.	"	♀ 245+41	
108	6551.	"	♂ 215+46	
109	6552.	"	♀ 260+42	
110	6553.	"	♀ 278+44	
111	6554.	"	♀ 276+40	
112	6555.	"	♂ 255+52	
113	6556.	"	♂ 195+36	
114	6557.	"	♂ 253+49	

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170115 June	6558.	Geophis nasalis	♀ 292 + 48
170116	6559.	" "	♀ 250 + 38
170117	6560.	" "	♂ 230 + 44
118	6561.	" "	♀ 256 + 42
119	6562.	" "	♀ 255 + 41
120	6563.	" "	♀ 285 + 50
121	6564.	" "	♀ 228 + 37
122	6565.	" "	♂ 233 + 50
123	6566.	" "	♂ 255 + 51
124	6567.	" "	♂ 258 + 53
125	6568.	" "	♀ 291 + 46
126	6569.	" "	♀ 236 + 41
127	6570.	" "	♂ 232 + 47
128	6571.	" "	♀ 186 + 28
129	6572.	" "	♀ 215 + 36
130	6573.	" "	♀ 166 + 25
131	6574.	" "	♀ 176 + 25
132	6575.	" "	♀ 200 + 30
133	6576.	" "	♂ 196 + 37
134	6577.	" "	♂ 182 + 36
135	6578.	" "	♂ 163 + 34
136	6579.	" "	♂ 139 + 28
137	6580.	" "	♂ 158 + 38
138	6581.	" "	♂ 145 + 25
139	6582.	" "	♂ 154 + 25
140	6583.	" "	♂ 143 + 26
141	6584.	" "	♀ 173 + 22

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170142 June	6585.	Geophis nasalis	♂	161+32
170143	6586.	"	♀	142+22
170144	6587.	"	♀	144+21
145	6588.	"	♀	175+25
146	6589.	"	♀	147+22
147	6590.	"	♀	176+25
148	6591.	"	♂	173+31
149	6592.	"	♀	150+22
150	6593.	"	♀	173+23
151	6594.	"	♀	141+20
152	6595.	"	♀	135+19
153	6596.	"	♂	142+27
154	6597.	"	♂	158+31
155	6598.	"	♂	152+28
156	6599.	"	♀	142+21
157	6600.	"	♂	168+32
158	6601.	"	♂	140+25
159	6602.	"	♀	140+21
160	6603.	"	♀	167+24
161	6604.	"	♀	155+24
162	6605.	"	♂	141+23
163	6606.	"	♂	154+27
164	6607.	"	♀	155+24
165	6608.	"	♀	141+20
166	6609.	"	♂	147+26
167	6610.	"	♀	142+22
168	6611.	"	♀	153+25

Seib, R.
1979

Finca Santa Julia

170169 June	6612.	Geophis	nasalis	♂ 160+26
170170	6613.	"	"	♀ 174+23
170171	6614.	"	"	♂ 148+26
170172	6615.	"	"	♀ 143+20
173	6616.	"	"	♂ 137+22
174	6617.	"	"	♀ 155+23
175	6618.	"	"	♀ 145+20
176	6619.	"	"	♀ 146+24
177	6620.	"	"	♂ 132+27
178	6621.	"	"	♂ 137+25
179	6622.	"	"	♀ 143+20
180	6623.	"	"	♀ 143+21
181	6624.	"	"	♀ 127+18
182	6625.	"	"	♂ 142+27
183	6626.	"	"	♂ 103+20
184	6627.	"	"	♀ 102+15
185	6628.	"	"	♀ 98+15
186	6629.	"	"	♀ 104+14
187	6630	"	"	♂ 127+20
188	6631.	"	"	♂ 116+19
189	6632.	"	"	♀ 115+16
190	6633.	"	"	♀ 114+17
191	6634.	"	"	♀ 92+14
192	6635.	"	"	♂ 117+22
193	6636.	"	"	♀ 112+16
194	6637.	"	"	♀ 122+16
195	6638.	"	"	♀ 107+14

Seib, R.

1979

Finca Santa Julia

170196 16 June	6639.	*Geophis nasalis*	♂	103+18
170197	6640.	"	♂	92+14
170198	6641.	"	♂	133+25
199	6642.	"	♀	126+17
200	6643.	"	♀	130+17
201	6644.	"	♀	122+17
202	6645.	"	♀	113+17
203	6646.	"	♂	123+22
204	6647.	"	♂	116+19
205	6648.	"	♂	119+22
206	6649.	"	♂	122+20
207	6650.	"	♂	117+21
208	6651.	"	♀	112+17
209	6652.	"	♂	127+23
210	6653.	"	♂	120+18
211	6654.	"	♂	111+16
212	6655.	"	♂	97+16
213	6656.	"	♂	105+16
214	6657.	"	♂	115+20
215	6658.	"	♂	122+22
216	6659.	"	♂	125+21
217	6660.	"	♂	135+24
218	6661.	"	♀	127+16
219	6662.	"	♂	122+22
220	6663.	"	♂	116+21
221	6664.	"	♂	118+21
222	6665.	"	♂	124+22

Seib, A.
1979

Finca Santa Julia, elev. 1100m, 1¼ km E, ¾ km S, San Rafael Pie de la Cuesta, San Marcos, Guat.

170223	6 June	6666.	Geophis nasalis	103+16	♀
170224		6667.	" "	133+24	♂
170225		6668.	" "	120+17	♀
226		6669.	" "	105+16	♀
227		6670.	" "	125+20	♀
228		6671.	" "	132+23	♂
229		6672.	" "	131+19	♀
230		6673.	" "	122+22	♂
231		6674.	" "	116+17	♂
232		6675.	" "	102+16	♀
233		6676.	" "	126+22	♂
234		6678.	" "	109+16	♂
235		6679.	" "	116+17	♀
236		6680.	" "	111+17	♀
237		6681.	" "	104+12	♀
238		6682.	" "	121+20	♀
239		6683.	" "	95+16	♂
170 240		6684.	" "	97+14	♀
170 241		6685.	" "	115+15	♀
170 242		6686.	" "	96+17	♂
170249		6687.	Ninia diademata	(236+125)	
170250		6688.	" "	(243+131)	
170251		6689.	" "	(238+133)	
170252		6690.	" "	(217+116)	
170253		6691.	" "	(217+98)	
170254		6692.	" "	(114+54)	
170255		6693.	" "	(107+56)	

missing 6677

ALS 66864 170243 ♂ 107+19

Seib, R.
1979

Finca Santa Julia

170284			
16 June	6694. Ninia	sebae	343+81
170285	6695.	"	275+64
170286	6696.	"	292+92
170287	6697.	"	298+73
170288	6698.	"	290+97
170289	6699.	"	307+80
170290	6700.	"	279+92
170291	6701.	"	250+70
170292	6702.	"	224+73
170293	6703.	"	239+80
170294	6704.	"	152+42
170295	6705.	"	144+39
170296	6706.	"	156+38
170297	6707.	"	146+37
170298	6708.	"	126+33
170299	6709.	"	118+35
170300	6710.	"	106+29
170301	6711.	"	107+31
170302	6712.	Mastigodryas melanolomus	
170344	6713.	Pliocercus elapoides	233+85 broken
170303	6714.	Rhadinaea hannsteini	244+80
170304	6715.	"	222+88
170305	6716.	"	233+87
170306	6717.	"	182+77
170307	6718.	"	139+54
170308	6719.	"	124+47
170309	6720.	"	129+38
170310			

Seib, R.

1979

Finca Santa Julia, elev. 1100m, ½ km E, ¾ km S, San Rafael Pie de la Cuesta, San Marcos, Guatemala

June	170311	6731.	Rhadinaea hannsteini	122+39
	170312	6732.	" "	109+35
	170318	6733.	Micrurus nigrocinctus	
	170319	6734.	" "	
	170320	6735.	" "	
	170321	6736.	Scincella assatum	assatum
	170322	6737.	" "	"
	170323	6738.	" "	"
	170324	6739.	" "	"
	170325	6740.	" "	incertum
	170326	6741.	" "	"

Elev. 620m on rd. below ~~San Rafael~~ Pie de la Cuesta San Marcos, Guatemala
14 km W (by Ruta Nacional 5) San Rafael Pie de la Cuesta

17 June	6742.	Boliotoglossa flaviventris	
	6743.	Boliotoglossa occidentalis	
	6744.	" "	
	6745.	" "	
	6746.	" "	
	6747.	Scincella	

Finca San Jeronimo, elev. 760m, 7.5 km N (by rd) Cacao hutan, Chiapas, México

17 June	6748.	Permophis mexicana	Lost to Dept. of Agric. in Tapachula, Chiapas
	6749.	" "	
	6750.		
	6751.		
	6752.		
	6753.		
	6754.		
	6755.		

Seib, R.
1979

Finca San Jeronimo

17 June	6746.	Lost
	6747.	
	6748.	
	6749.	
	6750.	
	6751.	
	6752.	
	6753.	
	6754.	
	6755.	
	6756.	
	6757.	
	6758.	
	6759.	
	6760.	
	6761.	
	6762.	
	6763.	
	6764.	
	6765.	
	6766.	
	6767.	
	6768.	
	6769.	
	6770.	
	6771.	
	6772.	

Seib, R.

1979

El Sombrero Trailor Park, La Paz, Baja California Sur, México

MVZ 170817					
9 June	6746.	Phrynosoma coronatum		0.9 gm	27+10 mm
170818	6747.	"	"	0.9	25+10
170819	6748.	"	"	1.0	30+8
170820	6749.	"	"	11.1	55+23
170821	6750.	"	"	1.0	30+12
170822	6751.	"	"	14.0	70+30
170823	6752.	"	"	14.8	70+27
170824	6753.	"	"	8.9	59+26
170825	6754.	"	"	8.9	64+31
170826	6755.	"	"	SENT TO MEXICO	
170827	6756.	"	"		
170828	6757.	"	"		
170829	6758.	"	"		
	6759.	Chilomeniscus stramineus		tissue 26 July 79	
170830	6760.	Phrynosoma coronatum		tissue & colchesine	
170831	6761.	"	"	10 July 1979	
170832	6762.	"	"		
170833	6763.	"	"		
170834	6764.	"	"		
170835	6765.	"	"		
170816	6766.	Salvadora hexalepis		(ate adult C. hyperythrus)	
30 June	6767.	Chilomeniscus stramineus		tissue 26 July 79	
170836	6768.	Phrynosoma coronatum			
170837	6769.	"	"		
170838	6770.	"	"		
170839	6771.	"	"		
170840	6772.	"	"		

Seib, R.
1979

El Sombrero Trailor Park, La Paz, Baja California Sur, México

170841
30 June 6773. Phrynosoma coronatum
170842
6774. " "
170843
6775. " "
6776. " " To Ray Hoy
6777. " "
3 July 6778. " "
6779. " "
6780. " "
6781. " "
6782. " "
6783. " "
6784. " "
6785. " "

El Coro Canyon, Los Barrillos, Baja California Sur, México

Sent to Mexico
3 July 6786. Petrosaurus thalassinus
6787. " "
MVZ 191450 6788. Sceloporus lichi
6789. Chemidophorus maximus

MVZ 191448
10 July 6790. Lepidophyma ♀ Diploid tissue & colchesine
191449 6791. "
6792. "

Born in Captivity June 1979 from RLS 4599

Isla Catalana, Gulf of California, Baja California Sur, México

tissue 26 July 79 coll. B. Feldhamer
May 6793. Phyllorhynchus

Ashby Avenue, Berkeley, California

24 July 6794. Lampropeltis getulus (DOR) FC #

Seib, R.
1979

Southeast Asia

20 Aug — 6795. Cylindrophis rufus — born captivity — FC13578

1.7 mile SW (by rd) Sonora Pass, 9200 ft., Tuolumne Co., California

170912 — 26 Aug — 6796. Rana muscosa

170913 — 6797. " "

170914 — 6798. " "

170915 — 6799. " "

170916 — 6800. " "

170917 — 6801. " "

170918 — 6802. " "

170919 — 6803. " "

170920 — 6804. " "

170921 — 6805. " "

R. L. Seib
1978-1979

MEXICO AND GUATEMALA

Journal

1978 Mexico: Baja California Norte,
Baja California Sur,
Guerrero
Mexico: Chiapas
and Guatemala: Guatemala City,
Alta Verapaz,
Jalapa, San Marcos,
Quetzaltenango

Seib, R.
1978

23 April

Berkeley to Ensenada, Baja California Norte, México

Left at 7:30 with Priscilla Watson who is scientific & education librarian at Lawrence Hall of Science. The sky was clear all day and it was about 70°F or more in the valley, cooler at San Diego. The moon rose at about 20:00 and was full. When we crossed the border into Mexico we became immediately confused because of an array of misleading and incorrect road signs. One no longer follows a two-lane road to the toll road, but takes a freeway directly to it. The new road was so confusing that we mistakenly ended up crossing back to the U.S. When we re-entered Mexico, we made a new mistake and gave up completely on the new freeway. We went through Tijuana on a main street and followed signs for Mexico hwy 1D. Finally, we accidentally turned right onto a short road which took us to the highway. Arrived in Ensenada about 21:00, ate dinner, and stayed at Ramada Inn Motel. $17.00 for two persons, but seemingly secure for the car. The initial purpose of this month-long trip is to make any necessary adjustments in my transect of car traps and add new traps (I'm bringing 40 plastic buckets for this

Seib, R.
1978

Berkeley to Ensenada, Baja California Norte, Mexico
23 April purpose).
Ensenada to Catavina, Baja California Norte, Mexico
24 April The swallows and house sparrows woke me up with their chattering shortly after 4:30 this morning. When I went outside to watch it turn light, the ground was warm to my feet and the sky was clear. At 7:00, when we left the motel, it was becoming overcast. On the road to El Rosario there were several detours, including one bridge which was washed out. Many DOR snakes on the road, and I took a good specimen of Pituophis 20 1 mile (by road) N El Rosario. At station one (10 mile SE El Rosario) all five traps were full of water, so I dug them out, punched holes, and reburied them. We added five new traps up the canyon. Although it was overcast, lizards were quite active since it was warm. We saw C. tigris and C. hyperythrus and collected two Xantusia active under agave. Also caught a 4' Crotalus ruber. I was digging a hole when suddenly I heard a loud rattle 15 meters away. I went and pinned the snake, and later injected it with Vembutd. It was too large to handle in any other manner. Took photos 1-3 on 1st roll of Black and white film. Found one Salvadora under a rock. Left 13:00. Drove to Station 2 (9 mile N Catavina). Numerous dead shrews

Seib, R
1978

Ensenada to Catavina, Baja California Norte, Mexico

24 April

and mice in the traps; pickled one shrew. Saw 2 active adult Gambelia. Never had seen them here before! Most lizards active. We spent an hour walking about. Collected a Uta, a Uroscutus 2 C. tigris and ~~a~~ found a baby Crotalus enyo and a ~~dead~~ dead piece of Cirio plant. Took photos 4 & 5. The active rattlesnakes and the warmth of the day make me feel that most reptiles should already be active. We drove to Sta. 3 (12.9 miles S of Catavina), hoping to add more traps, but it's just too difficult to dig there. Came back to Catavina and made camp. Night drove north to Sta 1 and then south to Sta 2 and back to Catavina finding a juvenile Trimorphodon, quite active and fast.

Catavina to Bahia de los Angeles

25 April

Sun woke us up about 5:30. At 7:00 it was 32°C No haze or fog at this time. I opened all the animals, packed the car, and headed south. We drove to a point 10.3 miles South (by Mex hwy 1) of Catavina, a sandy wash in a dip. We created a new trap station (7A) and placed 8 traps here. One Gambelia was seen active here, but two were seen on the road driving earlier. 33.7°C at 11:00. Took photos 6-9 here. Forgot to take a photo at Sta. 3. Drove on to Sta. 4 (18.5 miles S of Catavina). Took pictures 10-11. Found some lizards in

Seib, R.

1978

25 April

Catavina to Bahia de los Angeles, Baja California Norte, México

the traps: [dried Boto punctatus] Petrosaurus mearnsi, Sceloporus orcutti, & S. zosteromus. We didn't bother to stop at Nueva Chapalla since all the traps had been stolen by last September. Went on to Sta. 6 (41.5 miles) of Catavina) Took photo 12. There was a C. tigris in a trap. Got some gas at Punta Prieta junction, then drove to Sta 7 (1 km E of Mex hwy 1 on road to Bahia de los Angeles). Found only four of the five traps. It had been quite difficult in most places to locate all the traps because the area are now heavily vegetated, something I have never seen in my transect. But the rains have been abundant this year. At this station, there was a giant, 6", centipede in a trap. Drove on to Sta 8 where all 9 traps were stolen last May. I had replaced one of them near some rocks. It was full of water and had to be dug out. Took photo 14. On the way to the next station, caught a Phrynosoma coronatum on the road, 91.1 miles N of Bahia de los Angeles. At station nine there are two areas. At the rocky area where there were 11 traps, all were stolen but one which was full of water. This is unfortunate since this is the northernmost area of the transect which penetrates the Sierra Giganta. Took photo 15. At the remote flat here the ten traps produced: two

5 to 13 →

Seib, R.

1978

Cataviña to Bahía de los Angeles, Baja California Norte, México

25 April Sceloporus zosteromus, a dried Gambelia, a C. tigris, a Chilomeniscus and a dried Salvadora. Took photo 16 We drove on to the bay and rented a space in the trailor park. It has very poor shower and bathroom facilities, but costs only $2.00 U.S. In town, beer (six pack) costs 3.00 and a tiny chunk of ice was $1.00. It was quite warm so we night drove. Right away, caught a two-yr-old Crotalus mitchelli 4.3 miles W (by road) of Bahía de los Angeles. We made six passes along the rocky area at station 9, but found only 2 Coleonyx. Drove back to the trailor park and found two Chilomeniscus on the short road leading to the trailor park, one DOR. By now a strong wind had come up, but it was quite warm.

Bahía de los Angeles to Guerrero Negro, Baja California Sur, México

26 April The strong wind lasted all night. Salpaghids abounded, but we went to sleep, seemingly unbothered. Got up at 5:30 and left right away because it was so windy. Drove to

Photo 17 → Sta. 11 on the beach and checked the traps: 2 Dipsosaurus, 1 Uta, 1 Chilomeniscus. Drove to station 10, Took photo 18. Two of the four traps produced: Sauromalus, Petrosaurus mearnsi (noosed from a rock), 2 Uta, C. tigris, and a Leptotyphops humilis. Drove back to Sta 9 and put in 3

Seib, R.
1975

26 April

Bahia de los Angeles to Guerrero Negro, Baja California ~~Norte~~ Sur, Mexico

negro traps and fixed one which was left. At ~~the~~ Punta Prieta junction, there was no gas so we had to drive south not knowing whether there would be any at Rosarito (but there was). We made another new station (114) at Santo Domingquito (7.6 mile N Rosarito). Took photos 19-20. We placed 8 traps here, 4 on each side of the road and all widely dispersed. Had coffee a Rosarito, then drove to Sta. 12 (9.2 miles S of Rosarito). The rains had flooded the wash and buried most of my dozen traps. We fixed four that were still visible and added 4 new ones, but there is little vegetation left in the area. Found a sleeping Salvadora in the middle of the wash in the shade. One can no longer drive along the road without four wheel drive, so it is not possible to camp at this lovely, shade site any more. We drove into Guerrero Negro, ate a fish dinner at Los Pollos, and rented a room at Dunas Motel ($15.00 pesos)

Guerrero Negro to San Ignacio, Baja California Sur, Mexico

27 April

Woke up 4:45. Patchy clouds, quite brisk. Preserved animals. We drove north toward Rosarito. A few miles out of G. Negro we found a dead Arizona on the road from the night before. We turned East at Villa Jesus Maria on a paved road which

Seib, R.

1978

27 April

Guerrero Negro to San Ignacio, Baja California Sur, México

led to Ejido J. M. Morelos Y Pavon. We drove as far as the schoolhouse, turned right and went to the only house at the end of a street. I asked the people there if some kids would collect Phrynosoma at 5 pesos each, for up to 50. They seemed interested so I gave them bags, saying I would return within 10 days. Took Photo 2 of a new roll. Saw one Phrynosoma on the road but it escaped. The area is 11.9 miles North (by road) of G. Negro. One of the men there said that recently a powerful rain came and brought big snakes to the surface. We then drove north to Station 13 which is 14 miles South (by road) of Rosarito. The trap on the west side of the road was missing. One of the 7 traps on the east side held a live Gerrhonotus. Took photo 3. Then drove back to Station 12 (9.2 miles South (by road) of Rosarito and Took photo 4. The owl was active again (11:20). Then turned around and drove south. Caught two Phrynosoma on the road 7.5 miles south of the junction with the road to G. Negro. 11.4 miles South of the junction I caught my first live Gambelia in Baja. It was basking on the road. I chased it down in about 90-120 seconds, then hand-grabbed it. We drove on to El Arco to station 14. Took photo 5. There were already six traps here and we added

Seib, R.
1978

27 April

Guerrero Negro to San Ignacio, Baja California Sur, México

another 5. The road is elevated above a wash and beyond the wash is a dirt road, then a hill. ~~to the traps~~ are set in a small, narrow valley.

There are 7 traps on the south side of the road, 4 on the east. This area is interesting as it is one of the two points of access to Sierra Giganta north of Santa Rosalia (the other being Bahía de los Angeles). We finished by 15:00 and decided to wait until dark in order to night drive the area and later drive to San Ignacio. I hiked from 15:15 to 16:30 and caught only 2 Uta and 2 Urosaurus. I was struck by how little I found in this time. In the wash where the traps are, many species have turned up. I hiked over the flat country. It is volcanic and covered with rock rubble. I suspect that during heat of the day, reptiles go deep or at least stay at the base of bushes. This might also be so for nocturnal species because I found nothing

Seib, R.

1978

Guerrero Negro to San Ignacio, Baja California Sur, México

27 April under everything & turned. At dusk we might drove back and forth across the rocky stretch near El Arco and found Crotalus ruber on the first pass, 4.1 mile N El Arco. Found nothing else on the way into San Ignacio. We stayed at a trailer park near the El Presidente Hotel where I have stayed previously. It is set in a date palm grove and has fresh, running water. I am friends with the owner and his prices are low: 20 pesos/night. He invited me to come to the fiesta which begins July 28 and lasts a week.

San Ignacio to Viscaino, Baja California Sur, México and return

28 April We slept in till almost 8:00, then drove north. First photo 6 → stopped at station 16 (16.3 mile N San Ignacio) to check the 5 traps there. Some had been dug out, perhaps by coyotes. There were several dried Buto punctatus, a 6" Centipede, and 2 Uta and 2 C. hyperythrus. Drove on to station 15 (23.1 mile N San Ignacio) to check 11 traps. Some of these were dug out, too. Found another 6" Centipede and a dried Chipmunk — a first in a can trap! Collected 6 adult male Sceloporus zosteronus, 4 in one trap! Observed two large tarantula hawks for a while. They occupied one large burrow system and were clearly working collectively. One larger than the other. Took photos 7-10 here. It was like a spring garden with half a dozen different kinds of flowering plants covering the ground. We drove

Seib, R.
1978

April

San Ignacio to Viscaino, Baja California Sur, México, and return
on and spotted a live Dipsosaurus on the road
north of here. Many dead Phrynosoma, also.
We turned west on a dirt road at KM post 132
and drove several miles to NCPE Emiliano Zapata.
I went to the same house I visited last year
and left bags, asking for Phrynosoma. Last year they
had used my bags to cover their pillows and
collected no Phrynosoma. Drove north and turned
west on the paved road leading to Viscaino. We
went to the house I had visited last year and
they were very excited upon my return! Last
year they had collected 6 Phrynosoma and left
them behind their house. When I returned, no
one was about, so I took the lizards and left a
note with the money. They remembered this
and said they would collect many lizards!
We returned to San Ignacio and slept during
the heat of the day. Later, while I was pre-
serving, the owner of the trailer park ran
up to me and exclaimed that he had seen
a large snake. We ran back to the canal
area and I saw a 4' Lituophis, stretched
out beneath an orange tree. This is the only
one I have collected between north of El Rosario
and south of La Paz! We drove in the afternoon
to Santa Rosalia. Collected a live (DOR) Sonora
mosaueri in a rocky area 12.5 mile N (by Mex hwy 1)

Seib, R.
1978

28 April

San Ignacio to Vizaino, Baja California Sur, México and return
of Santa Rosalia. The sun was still up. It was 18:25, but close to the time change which would make it an hour earlier. It was struck that this snake might be crepuscular. The only other one I've caught was near El Triunfo (south of La Paz) in a rocky region and was freshly shit in the early morning. It was a very warm night. We drove to Santa Rosalia and made several passes along a four mile stretch north of Km post 11, but only found a live Crotalus enyo on the third pass. Caught nothing else on the way back, but saw a live Trimorphodon 10 miles south of San Ignacio. There was a truck between me and the snake escaped.

San Ignacio to Santa Agueda, Baja California Sur, México

29 April Overcast this morning and a little chilly. By 9:00 it had burned away. Drove to Santa Rosalia where a traffic officer informed us we would have to wait because there was no passage on the highway. Now I write from the outdoor balcony of a pleasant restaurant: Restaurant Carreta. Our plan was to visit the small village of Santa Agueda just south of here, if the dirt road is passable. By 11:30 the highway was passable and we discovered that the road to Santa Agueda had been improved. When we arrived it was heat of the day and few people were

Seib, R.
1978

San Ignacio to Santa Agueda, Baja California Sur, México

29 April

about. The house I had stayed in on my previous visits was fully occupied. Soon some men and boys my age met me and we talked for over an hour. I gave them beer and endeared myself. Finally one of the boys and I went collecting. It was 13:30, but cloudy enough that lizards were active. For several hours we just walked and caught nearly nothing - just Urosaurus which is abundant here. I persuaded my friend to take me far to the west of town where I had caught two Petrosaurus last year. It became fully cloudy and we collected until six. I noosed one Sceloporus orcutti out of a crack in a rock. These lizards (canarro) are most common in the large mesquite trees and can be found 4-5 to a tree. I noosed two female Petrosaurus off rock walls. They look like Thalassinus in pattern, but are closer to Sepeus in scutellation- and I collected two genera I had not found last year: Sauromalus and Crotophytas. The latter is only the second specimen I have seen in Baja (and noosed). The other was from near Bahía de los Angeles. This one was sleeping on an 8" pipe, 2' above the ground. None of the people had ever seen these two genera before. When I arrived back I found that someone had noosed a male Petrosaurus off the wall of one of the houses. I

Seib, R.
1978

29 April

Santa Agueda to Santa Agueda, Baja California Sur, México
was surprised that this lizard was near dwellings, much less living in them! I learned the names of some common mammals: chipmunk = hergo; squirrel = jardina. We waited for dark to lantern walk. I had obtained permission from the owners of two huertas to walk at night. We walked in a rocky area and collected 7 Phyllodactylus xanti, 1 Chilomeniscus and 1 Leptotyphlops. The night was warm, moonless and slightly humid. Tree frogs were croaking and Bufo punctatus were seen on the ground.

30 April

Santa Agueda to La Paz, Baja California Sur, México
One of the men at Santa Agueda described Natrix to me and said it lived at San Jose del Cabo. All agreed that it did not live here. I woke up today before sun rise and prepared to go collecting when it warmed up. There was a west wind all night which had cooled things down. By 7:00 it was too warm to wear long pants and a shirt. I went collecting until 10:45 and caught another Petrosaurus and noted a Sauromalus out of a crack. Collected numerous smaller lizards and some birds caught shrs S. orcutti. I'm surprised how rare Petrosaurus are here. I saw only one that I didn't get, and it disappeared deep into a crevice. Talked again with the man who had described the water snake. He said it was from San Jose

Seib, R.
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Santa Agueda to La Paz, Baja California Sur, México

30 April Magdalena, just south of here. This is probably a Thamnophis diguetti. We packed up our bed rolls (we slept on the ground near a house) and left by 11:00, saying we might return on Sunday. We drove south, collecting a Sauromalus (australis) just north of Loreto. Arrived in La Paz after 8½ hours. We night drove south of La Paz all the way to El Triunfo and found only a DOR Chilomeniscus stramineus. It was a warm, moonless night, but the traffic was intense, worse than I've seen it here. Rudy's trailer park, where I have always stayed, is now sold to a contractor who ~~who~~ will build houses there. The showers still work so we're staying there, but he sold everything else, so the place seems naked. Robert Murphy from UCLA and his friend are staying here also. ✓ La Paz, Baja California Sur, México

1 May Today has been very frustrating. We wanted to change money, buy food, wash clothes, find a boatman to take us to Isla Espiritu Santo, and more. Everything was closed because this is 5 de Mayo week. There is much to prepare before going to the Island, but it couldn't be done today. We drove south of town to get a large series of Sauromalus at a locality where I got 10 last year. There were none to be seen. No

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La Paz, Baja California Sur, México

1 May

dropping, no lizards anywhere. We sat on a kids Mexican's boat and drank beer and got sunburned, then went back to Rudy's and preserved animals. At 6:30 we came into town to phone Ted Papenfuss, as planned, because the phone place was open earlier and stays open till 8:00 but it closed early for the holiday. Nothing went as planned today.

La Paz to Isla Partida, Gulf of California, Baja California Sur, México

2 May

Got up before 6:00 today in order to pack and get down to the waterfront early. At 8:15 there were still any boats, so we ate breakfast. By 9:00 the boatmen were on the beach and I talked with a man who had taken Ted Papenfuss and I to Playa La ~~Bonanza~~ Ballena one over a year and a half ago. We bartered for nearly an hour. They started at $500 pesos and I at 800. We settled on 1300, and he and his brother were to stay on the islands with us to avoid wasting gas on return trips. My plan was to spend one night on Partida and one on Espiritu Santo. The boat left the bay of La Paz at 12:00. We went slowly, to use less gas I suppose. 2½ hours later we arrived on a sandy beach on the southwest corner of Isla Partida. Just to the south was another beach. Later, I walked, or

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La Paz to Isla Partida, Gulf of California, Baja California Sur, México

2 May 1978

waded, across to Isla Espiritu Santo just for fun. The beach where we camped is short and narrow and a volcanic rocky cliff rises abruptly for several hundred meters. A ring of hills such as this forms a circle around us so the water is quite calm and there is no wind. Upon arriving, I poked about the dunes near the rocks and found a Crotalus mitchelli under the second rock I turned. I immediately ran back to camp to get a tool with which to capture the snake. In doing so, I scared a 3 foot Masticophis barbouri out of hiding! He fled into a small bush and I grabbed him out. The reason for coming to the islands was to catch this snake, and we had it after only fifteen minutes! I went back, then, and captured the rattlesnake. It was overcast and lizards were active, so I began to walk along the rocks and noose some. I caught only a few Sceloporous and Urosaurus. Sauromalus droppings were more as abundant as I've ever seen them, but I failed to find a single one. I suspect that this population doesn't usually inhabit rock crevices, but lives beneath giant boulders instead. There were plentiful burrows below the rocks, many with droppings in them. While looking into these holes, I found a second Crotalus

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2 May — La Paz to Isla Partida, Gulf of California, Baja California Sur, México

mitchelli which I captured. At dusk we lantern-walked and found only 3 Phyllodactylus unctus on the rocks.

Isla Partida to Isla Espiritu Santo, Gulf of California, Baja California Sur, México

3 May — In the morning I walked back to the rocks to look for Tauromalus. I found none, except for a dried skeleton of a juvenile, under a rock up with some Centruroides, scorpions. In the shade of a Cardon cactus I found a sleeping Gotalus mitchelli and caught it. On the beach we caught 2 Uta. Species seen, but not collected are Cnemidophorus (tigris?) and Hypsiglena. The boatmen caught a Petrosaurus for me. At noon the boat took us to Playa La Bonanza on Isla Espiritu Santo. We went between the two islands and around the east end of Espiritu Santo. There are no beaches, except a tiny one just before La Bonanza which is a semicircle about ½ mile in length. It was heat of the day again we we arrived and not much was active. We walked to the south end of the beach where there is extensive granite. We wanted a sample of 20 Phyllodactylus unctus for electrophoresis so we flaked rock cups off the the boulders with a crow bar. Geckos are not rare here. We caught 21 in three hours, but more than 30 others escaped. One has to be careful not to grab scorpions, but quick enough

Seib, R.
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Isla Partida to Isla Espiritu Santo, Gulf of California, Baja California Sur, México

3 May — for the gecko. To my surprise and delight, we caught 6 out of 7 Sauromalus which were living under the rock flakes. All but one were newborns (SV about 1½"). During the afternoon, I noosed one Petrosaurus, the only one seen, some Uta, Callisaurus, also. At dark we lantern-walked, finding only one Phyllodactylus. Many Chilomeniscus tracks were seen in the dunes.

Isla Espiritu Santo to La Paz, Baja California Sur, México

4 May — Woke up before 6:00, but it was quite cold after a chilly night. At 7:30 I began collecting. Walking around the dunes I spotted last night's sand snake tracks and yesterday's racer tracks. But after a while I discovered fresh racer tracks. I stalked for approximately 200 meters and ended in a clump of bushes. I walked about the area for a long while, 5 minutes, and suddenly saw the black tail of a large racer disappear into the opposite side of the clump I was facing. I walked around, discovered a black strip in the bush, and pulled. It took less then two minutes to work the snake from the bush. I believe it to be the first specimen of Masticophis flagellum from the island. This means there are at least 3 racers from here, two Masticophis and Salvadora which I caught on this beach last may. All three

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4 May

Isla Espiritu Santo to La Paz, Baja California Sur, México

Species strike me as being quite uncommon. I have spent 4 nights on Espiritu Santo and 1 on Partida and found only 2 Salvadora, 1 M. barbouri and 1 M. flagellum. I later walked back to the rocks and noosed some Petrosaurus, a Sceloporus, some Dipsosaurus, a large Crotaphytus (maximus?) and found two geckos under rock flashs. Caught all 3 Petrosaurus seen and one of 3 Sceloporus. Never saw a Sauromalus active during the entire island trip. Summation of the catch follows:

Partida		Espiritu Santo	
1	Petrosaurus thalassinus	1	Crotaphytus (maximus?)
4	Sceloporus (littki?)	3	Calisaurus draconoides
7	Uta	3	Dipsosaurus dorsalis
2	Uta stansburiana	6	Sauromalus ater
3	Phyllodactylus unctus	1	Sceloporus (littki?)
1	Masticophis barbouri	2	Uta stansburiana
3	Crotalus mitchelli	3	Petrosaurus thalassinus
		24	Phyllodactylus unctus
		1	Masticophis flagellum

Left the island 11:30, arriving at La Paz 13:30. Took a taxi back to Rudy's and showered. Preserved the rattlesnakes, keeping all else alive so Robert Murphy can take tissue when he returns from the Cape. Many of the kids brought me

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Isla Espiritu Santo to La Paz, Baja California Sur, Mexico

4 May — Bipes and Phrynosoma which I had requested. (Over 60 Bipes) We went into town at 1600 to do our laundry, then waited until 18:30 to phone Ted Papenfuss who is supposed to fly to Mulege and spend the remainder of the trip with me. After 1½ hrs I finally reached him and we planned to meet 8 May.

La Paz to Loreto, Baja California Sur, Mexico

5 May — Got up at 5:30. It was cold and windy and overcast until noon. We preserved 93 Bipes and kept 20 adults alive so Ted could incubate the eggs of the females. Robert Murphy took tissue from all the island specimens and I preserved them, too. I kept 35 Phrynosoma alive for MVZ's tissue collection. We got ice and food and drove to Ciudad Constitución for dinner. It sprinkled rain drops on and off the entire way. At dark we night-drove slowly to Loreto, seeing absolutely nothing on the road. Very windy. Stayed at Motel Salvatierra: $150.00, no hot water, not very good. Just cheap.

Loreto to a point 108 mile N (by Mexhwy 1) Santa Rosalia, Baja Sur, Mexico

6 May — Got up at 5:30. On the gulf side it was sunny and calm, but heavy clouds hung over the Sierra Gigantes. Drove to the point 32 mile N (by road) of Loreto where we had collected a Sauromalus on the way south. I was hoping for a series,

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Loreto to a point 48 mile N (by Mex hwy 1) of Santa Rosalia, Baja California Sur, Mexico

6 May

but we saw none, although we waited till 10:30. I collected from 8:00 until 10:00, nooseing 26 Urosaurus and finding a Phyllodactylus under a rock flake. The Urosaurus were not noose-shy and only two that I saw escaped. Sceloporus orcutti were extremely wary and uncommon. We drove north to a point 19.6 mile S (by road) of Mulege. It was noon and we needed to rest. Very little little was seen, but I noosed a Urosaurus, found a Phyllodactylus under a rock flake, and dug a Sauromalus out of a rock pile by dismantling the pile of rocks and pinning the lizard's hind foot when it became visible. We got gas in Santa Rosalia, then drove to a point 15.6 mile N (by road) of Santa Rosalia. It was 5:30 and still too hot for much to be active, but I noosed a Urosaurus and two Cnemidophorus hyperythrus. I had been looking for a rocky collecting spot to spend the afternoon and later camp to lantern walk for gecko. I never found it, so we just drove back to Santa Rosalia and drank coffee until dark when we night-drove. Found nothing but a live Crotalus enyo 4.7 mile N (by road) of Santa Rosalia. Was fairly chilly. Camped off the road.

6.8 mile N (by road) Santa Rosalia to

7 May

Very cloudy this morning so we slept in until 7:15. Driving south to a collecting site, I found a

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7 May

40.8 mile N (by road) of Santa Rosalia to Santa Agueda, Baja California Sur, México

smashed Eridiphas on the road in a rocky area. It had no vent and seemed very fresh. 7.6 miles S (by road) of San Ignacio is a new northern record, so I decided to preserve this rare snake, in spite of its flat condition. Stopped in the rocky area I had been searching for yesterday, 18.3 miles S (by road) of San Ignacio. At 11:30 we left here because it was still overcast and quite unproductive. Only 7 lizards: 4 Crossdurus, 1 Uta, 2 Cnemidophorus hyperythrus. Drove south and reached Santa Agueda by 13:00. The clouds had begun to dissipate. There was some excitement upon my arrival as Sergio had caught a 5 foot P. troglis last Monday and saved it for me. It was a fine specimen for which I gave him 50 pesos. My friend, Panchito, from last May was here and we went out collecting together. He had a BB rifle and shot several lizards for me. I collected many lizards this afternoon, finding nothing new. Walking around the rocks, I spotted a pair of Sauromalus in a big crack. I noosed one and worked for 45 minutes without getting it out. I tied the noose line to a branch and walked through a huerta for an hour. It was early, 17:02. The sun was 2 1/2 hours from setting. In a combination cabbage-carrot-tomato patch, I discovered a

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40.8 mile N (by road) of Santa Rosalia to Santa Agueda, Baja California Sur, México

7-May

large Eridiphas moving about! I was quite excited to find a large, live specimen of this rare snake, the second one of the trip and the day. A kid brought me a Hypsiglena (20 pesos) and a tiny Leptotyphlops (10 pesos). I was specifically searching for Eumeces, but saw none. They say they are common here. The boy who brought me the snakes found a Eumeces, but it escaped into a huge rock pile. The Hypsiglena was active and the Leptotyphlops was found beneath a rock. I walked back to the rock crack. The Sauromalys was now dead and I simply pulled it from the crack. I had spotted a Crotophytas earlier in a rock pile and it was active again when I returned, but ducked in upon noticing my approach. Walking back to my car, I found a dead 5' Pituophis, killed yesterday. It barely smelled and was in good condition, so I preserved it with 50% formalin. I also preserved all the dead animals Pancho had shot. A man had caught got a third Pituophis for which I paid another 50 pesos. At dark we lantern walked through the same huerta and found 3 Phyllodactylus and a Coleonyx variegatus peninsularis! A new genus for this collecting spot, and I believe a new northern locality! In this lantern-

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40.8 mile N (by road) of Santa Rosalia, to Santa Agueda, Baja California Sur, Mexico

7 May walk, we found no snakes.

Santa Agueda to Santa Rosalia, Baja California Sur, Mexico

8 May This morning I went back to the huerta searching for Eumeces, but found none. I did noose another Petrosaurus and some Sceloporus. I saw a lizard tail disappear under a tiny rock. To my surprise, I found a Crotaphytus (adult male) which I easily grabbed. This visit we caught a total of 60 reptiles:

1 Crotaphytus	1 Leptotyphlops
4 Dipsosaurus	1 Eridiphas
2 Petrosaurus	1 Hypsiglena
5 Sceloporus orcutti	3 Pituophis
1 Sauromalus	
31 Urosaurus	
3 Uta	
3 C. hyperythrus	
1 Coleonyx	
3 Phyllodactylus	

We drove to Santa Rosalia so Priscilla could catch a bus to Tijuana. The bus didn't leave until 19:00, so I waited with her until 12:30, then drove to Mulege where Ted was to fly in at 15:00 & waited for about 4 hours for Ted's plane, but it didn't come, so I went back to Santa Rosalia and phoned his home. His father told me that the flight to

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Santa Agueda to Santa Rosalia, Baja California Sur, México

8 May — Mulege had been cancelled and that Ted Lyel flown to La Paz and would arrive in Santa Rosalia later that night by bus. He did arrive about 1:30. I went night driving north for 96 km without finding anything, so I returned.

Santa Rosalia to San Ignacio, Baja California Sur, México

9 May — We repacked, changed money, and drove to San Ignacio, arriving 10:30. We drove north to a rocky area to get a series of Squamates (5.5 mile N by road) and we found 4 and caught 3. The three we caught were within 2 feet of one another. 2 females were inches apart in separate, perpendicular cracks, while the male was in another boulder. We also caught 7 Phyllodactylus and observed a pair of Gambelia. Drove back and spent several hours preserving a back-log of over one hundred animals. We then drove north again. We stopped at UCPE Emiliano Zapata where the people returned my empty sack without Phrynosoma. Drove to Vizcaino where they had 11 live Phrynosoma for me. We spent quite a while trying to find people who would help us dig for Bipes. Finally, some people across the road from the gas station at Vizcaino came digging with us. In the 1½ hrs before dark, we found 9 9

Seib R.
1978

Santa Rosalia + o San Ignacio, Baja California Sur, México

7 May — Bipes.) were under cardboard (one dead). The rest in burrows under Cholla cacti. One of the diggers found one. I found two and Ted found 6. Ted and I each found a S. zosteromus under a piece of cardboard. We might drove back to San Ignacio and caught four snakes: Arizona (DOR), Lichanura, Chilomeniscus (DOR), and Crotalus enyo.

San Ignacio, Baja California Sur, México

10 May — Rain overnight this morning, so we didn't begin collecting until 9:00. Collected the rocky hill behind the Hotel El Presidente where we are staying. Ted went high up to the rock face looking for Petrosaurus. He saw three and was able to catch one by digging it out of a rock pile. This took 40 minutes to accomplish. The lizard appears to be a repens. I caught 6 other species of lizard with a noose: Callisaurus, S. orcutti S. zosteromus, Urosaurus, Uta, and C. ~~tigris~~ hyperythrus. The most abundant and easily caught lizard is Urosaurus. I noted the S. zosteromus from a tree is very unusual. Sometimes orcutti live in trees, but rarely zosteromus. We returned and preserved until 15:30, then rested. We drove back towards El Vizcaino at 15:30, stopping 5.4 mile South of there to collect Callisaurus draconoides crinitus. They inhabit a sandy area on each side of the road and

Seib, R.
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San Ignacio, Baja California Sur, México

May — it is windblown, seeming very much like the habitat of Uma in California. We caught 4 males and 7 females by hoosing, except for one which had concealed itself in the sand as would a Uma. C. tigris was also seen here. We drove back up to Vizcaino and dug until dusk, finding only a single Bipes. A boy from a rancho 14 km away brought a Bipes for which Ted paid 50 pesos! I found a Colony's under a piece of cardboard; its body was quite warm to the touch. Driving back to San Ignacio, we found quite little, probably because a strong wind had made the evening quite cool. A Chilomeniscus 18.8 mile N San Ignacio and a Bufo punctatus 17.4 mile N San Ignacio. South of San Ignacio we caught a live Phyllodactylus. The only other specimens from my transect are also in rocky areas like El Arco, Bahia de los Angeles. We had found a DOR female Lichanura earlier in the day on the way to Vizcaino which we picked before going to sleep.

11 May — Sunny day and hot! We woke at 6:00 and drove out to Ted's Bipes locality which is also a can trap site for me. We worked until 13:00 and found a total of 11 Bipes. The traps only had 3 lizards, 1 Sceloporus zosteromus and 2 C. tigris. My traps at 16.3 mile N

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1978

San Ignacio, Baja California Sur, Mexico

May

of San Ignacio had a young Dipsosaurus. We came straight back to the hotel and fell asleep for over an hour. At 16:30 we preserved. At 17:00 I walked over to the rocky area behind the hotel and climbed to the top. I wanted to collect another Petrosaurus, but it was too hot for lizards to be active. At 18:00 we drove back to the gas station on the highway near Viscaino to see if any Bipes were collected, but mostly all had gone to a fiesta in town. A kid here told us there were some animals in a locked room and that we should come back the next day. We night drove back to a point about 10 miles south of San Ignacio and found only two toads. On the road out to Viscaino earlier we had found a fresh DOR 3' Pituophis. It was north of the rocky area around San Ignacio and the first that I now of in the Viscaino deist. I preserved it and we went to sleep.

12 May

I got up at 6:00 and woke Ted at 6:30. We drove back to the gas station and the people had 1 Bipes and 3 Chrysemys. We drove back to km post 111 and turned west on a dirt road to dig for Bipes. After 1½ hrs we had still only found 1 Bipes, when we found a rich area and got another 13 in about 2 hours.

Seib, R.
1978

2 May

San Ignacio, Baja California Sur, México

They seemed to be easiest to encounter under isolated Chollas or Daisy-type bushes where the whole bush could be dug out. Sometimes 2 were found under the same bush, especially if it's on a small mound of sand. Once one was found on the surface beneath a dead cholla. The morning was thickly overcast by fog which burned off completely and rather suddenly shortly after 9:00. We quit at 12:30 and drove back. We stopped near the turnoff to the airport in a rocky area to look for lizards. I almost immediately heard a scurry under a rock and found an adult female beneath it. The only other lizard seen was an adult male Cotaphytes hiding under a rock ledge. It escaped. Returning to the car, we found we had parked near a wasp nest and our car must have seemed like a big red flower to them. It took about half an hour to finally get on our way. Arrived at the hotel at 14:30 and fell asleep. Later, we preserved animals. Viscaino is 43.7 miles (by road) from San Ignacio. We might drove about 6 miles north and 10 miles south of San Ignacio several times finding 3 live snakes: Chilomeniscus, Pituophis and Trimorphodon. In the late evening it finally began to cool off.

Seib, R.
1978

13 May

San Ignacio to near El Arco, Baja California Sur, México
We collected in the dunes and later in the rocks. Two more Petrosaurus were seen and one was finally dug out from a rock pile. We preserved all the animals and watered and cleaned all the ones we are keeping alive. We got food and water in town, then drove north. Stopped at the house in Viscaino where they collect Phrynosoma and picked up another 5. I again left the sack with them, saying I would return the second week of June. At the house across from the gas station where we had purchased a Bipes on two occasions they had nothing because their truck had broken down. They explained that they see many of them while breaking new ground with their tractors. Since they seemed as though they wanted to save them, we said they should keep them in a barrel of moist sand in the shade and that we would return the second week of June. We drove on to El Arco. At dark we drove back and forth across the rocky stretch where I have my traps and found a Colomys and Bufo, both adults. We lantern walked for Phyllodactylus but found only a baby Bufo punctatus. We camped by the con traps after seeing Scorpions, Solpughids, and 6" Centipedes.

Seib, R.
1978

14 May

El Arco to Guerrero Negro, Baja California Sur, México

It was quite foggy this morning and we slept in until almost 8:00. It burned off by 9:00. The fog allows for a rich growth of Spanish moss, bromeliads, and lichen on the rocks. We searched from 8:30 to 12:00 for Sauromalus, but caught only two. From the wash we looked up to the top of the ridge with powerful binoculars and observed some chuckawallas. A large male bobbed on a rock for a while and later a female came and joined him. When we went to find them, we discovered that they lived in a huge jumble of rocks. The ones we caught were in rock cracks. We drove into G. Negro and got a room at Dunas Motel ($50.00)
Only 5 of 30 Urosaurus at El Arco were female. These were easily noosed from rocks. We preserved all the animals at the hotel, then drove north around 16:00. At the 28th parallel which divides Baja Norte from Sur we saw a large nest with a pair of huge Ospreys in it. This seemed appropriate since there is a monument of an eagle here. At a point 2.4 miles north of here we turned left into the marsh and drove off to the sand dunes. They are vast, large and impressive white-sand dunes. While

Seib, R.
1978

1 May

El Arco to Guerrero Negro, Baja California Sur, México

One walks along, Calisaurus pop up out of the bare sand in front and flee, usually to a bush. The tracks made thus are easily followed before the wind blows them clear. We followed one to a small bush where it swam into the sand and it was easily caught. We also saw a lot of weevils, most of which seemed to be courting. At about 7:00 we drove north and stopped at Ejido J. M. Morelos y Pavon where I had left a bag for Phrynosoma. They said they had caught two, but let them go as they thought I would not return. We drove on then to check the traps below Rosarito. 14 miles south of Rosarito I got a S. zosteromus and a Hypsiglena. 9.2 mile S Rosarito I got series of S. orcutti and S. zosteromus plus some Uta and Cnemidophorus tigris & hyperythrus. Caught 4 baby Bufo punctatus hopping through the sand. The traps contained many dead adult Bufo. We drove up to Rosarito and waited for dark. Then might-drove back to G. Negro, finding nothing. Moon is almost half full tonight. This is also about the warmest night I've ever spent here: 60-65 °F.

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G. Negro to Bahía de los Angeles, Baja California Norte, México

15 May

It was unusually warm and sunny for G. Negro this morning, although there was a wind. We preserved, then drove north. Stopped at one of the new can trap localities, near Arroyo Santo Domingito. 2 of the 8 traps had Chilomeniscus and one had an S. orcutti. Drove on past Punta Prieta to the road E to Bahía de los Angeles. Stopped at km post one. The five traps featured to C. tigris. We turned dead agave for about 1/2 hour and collected 15 Xantusia. At km post 11 my single trap contained a pair of large Tantilla. We turned agave here and got 8 Xantusia. At my traps out in the flats at km post 43 (14 mile W B. de L.A.) I got a Dipsosaurus, among other lizards. This is the farthest inland I have them for a northern locality! At the next station, 7 km W Bahía de L.A, I found an adult female Sauromalus obesus in a trap and a lot of Uta. Ted found a smaller chuck in a crack which we pulled out with long forceps. I saw one Petrosaurus and a huge male Sauromalus which we were unable to collect. The sun was in a bad position to collect this canyon, so we went on to the beach. In the six traps here we found some Uta. In one of them we found 2 Dipsosaurus

Seib, R.
1978

G. Negra to Bahía de los Angeles, Baja California Norte, México

5 May

and a Chilomeniscus. It was getting extremely windy so we took a room at Casa Diaz in town, $42.00 for two. We preserved, then went night driving. This was our first 5-snake night and we also got 3 Coleonyx and a Boa. The first snake was a Chilomeniscus near the cattle trap in the rocky stretch after leaving the beach. The we drove rapidly out to the rocky area where I have cattle traps and drove back and forth for a total of 8 passes. There was a DOR Sonora mosaueri which extends the range of the snake over 200 miles north into a more arid area and one of different seasonal rainfall. We caught a live Crotalus ruber and Phyllorhynchus and also got the gecko here. On the way back to the hotel we caught a live 3½' Pituophis at km post 48. The night was exceedingly windy and we slept almost not at all. Never have I experienced such a windy and noisy night. It was also quite warm and the dry wind from the Pacific dehydrated us.

Bahía de los Angeles to Catavina, Baja California Norte, México

16 May

This morning the wind began to die down between 6:00 and 6:30. It was hot and sunny then. We collected at the trap site where we got two Sauromalus yesterday. We caught 4 more

Seib, R.
1979

Bahia de los Angeles to Cataviña, Baja California Norte, México

16 May

two-year-old's out of cracks and saw an adult under a ledge which we could not get. We spent only an hour to do all this. No chucks were active between 7:00-8:00, I saw an adult female Crotalus sleeping on the ground and I simply grabbed it by hand. It has full breeding colors, including orange dorsal spots and orange on the ventral side of its tail. We then walked in the creosote flats to look for lizards, but found none active. Returned to room and preserved. Later, packed and walked about with Heidi to catch some lizards. Of interest is that Crotaphytus hyperythrus occurs here in spite of the aridity. Got ice and gas and left at 13:00. Quite windy. Too windy to be comfortable. Caught an adult female Phrynosoma on the road 47 km from the jct with Mex hwy 1. Drove up to the next trap site, 41.5 below Cataviña. Sauromalus obesus were basking on the rocks and they truely abounded! I may never have so many chucks before at any one spot. This population appears to have males who have only one female partner, as opposed to a harem. But we only spent 1½ hrs here, so I couldn't know this positively. Although they are more common here, they are more difficult to collect than the chucks at Bahia de los Angeles. The rocks are bigger and most of the chucks have better dwellings. We

Seib, R.
1978

16 May

Bahía de los Angeles to Catavina, Baja California Norte, México

collected 5 total. We also collected an adult Petrosaurus repens. They are not common here and quite shy. After some minutes of chase, it took a hiding place beneath a boulder. It was in a small tunnel so I put the collecting sack over one entrance to make it appear as an extension of the hole, while Ted poked into the other end with a stick. When I felt movement under my hand, I grabbed the cloth and lizard. We drove on up to the dry lake bed and took Photos 16-19. At Nuevo Chapalla I had station #15. The traps had 2 Uta and a Phrynosoma. This is the first live one I've gotten in a trap, although I got a dried one on the beach at B. de L.A. We drove on the the first new site I put in earlier in the trip. The 8 traps along the wash produced better than those at Bonanguito. Of interest is that there we half a dozen dead Thomomys in them. The reptiles were: 1 S. occatti, 5 S. zosteromus, 2 Uta, 1 C. hyperythrus, and a live Hypsiglena. It was getting late, so we drove north of Catavina to Rancho Tres Enriques and had a bite. We were both tired after a long day and rather sleepless night before. We night drove to the new trap site 10.3 miles S of Catavina and back to Catavina where we camped in a wash. Found nothing on the road. About 90° and bigger than half moon.

Seib, R.
1978

Catavina to Bakersfield, California

17 May

A strong wind came up about 5:00 and disturbed our last hours of sleep. It also frustrated any collecting in the area, so we just moved on. At my station 9 miles north of here, we found 7 lizards of 5 species in the traps. Jed watered what has been his plant since the road opened in Dec 1973, and he replaced some rocks around the base so it wouldn't be run over. We drove to the last station, 10 mile SE (by road) of El Rosario and checked the traps. The first trap I looked into had a live Thomomys which we took alive and put in a bucket with a carrot and a potato. I also took a dead shrew and pickled it. The reptiles were Gerrhonotus (my fourth specimen and locality), Sceloporus zosteromus and C. hyperythros. Up at El Rosario we drove down to Rosario de Abajo to look for Thamnophis, but the roads required better clearance, and maybe 4W drive. Saw three dead Masticophis flagellum on this short dirt road. Farther north we stopped at Colonia Guerrero. In one hour of driving back and forth along dirt roads, we caught 21 Phrynosoma. No where have we ever seen them so common. We reached the border by 17:00 having seen over 30 DOR snakes, mostly M. flagellum. No problem crossing. Ate dinner and drove to Bakersfield where we stayed at Rancho Motel.

Seib, R.
1978

Berkeley to Mexico City, México, México

9 July — Ted Papenfuss and I grabbed an afternoon flight out of Oakland, transferred at J.F.K., and arrived in Mexico city at 23:00. We slept until 5:00.

Mexico city to Tuxtla Gutierrez, Chiapas, México

10 July — We caught an early flight to Tuxtla. Smoggy in Mexico city, cloudy everywhere else. We obtained a room at Palace Motel on the West end of town (airport side) for 350 pesos. Went immediately to the zoo to look for Fr. Alvarez del Toro. His daughter was expecting us because we had written in advance of our arrival. We brought as gifts for their museum Bipes canaliculatus and B. bipes (living). We were interested in learning the localities of supposed Bipes findings in the state of Chiapas. Fr. del Toro had given his daughter this information: "the vicinity of the city of Cintalapa, 60 km n Tuxtla. Before leaving the zoo, I took 16 photographs, mostly of large birds, but including Boa, Heloderma, Iguana, Ctenosaura and a large Tapir. We spent about 6 hours in the Cintalapa area and talked to many individuals who surely would have known bipes, if they did live there. No one had ever seen one. One person described an animal with two

Seib, R.
1978

Mexico City to Tuxtla Gutierrez, Chiapas, México

10 July feet, farther down the body, called Cantile, but towards the end of the description the animal grew two more feet and became a lizard. He may have been describing Gerrhonotus liocephalus, and since may fold its hind feet along its body, as does G. kingi in Arizona, giving the appearance of a snake with two feet. He described it as being twice as large as the preserved B. canaliculatus that we showed him. It rained on and off in the afternoon. We drove back to Tuxtla at dark and slept 14½ hours without eating dinner.

Tuxtla Gutierrez to Tapachula, Chiapas, México

11 July We took a 12:00 flight to Tapachula. In Tuxtla it was heavily overcast and quite muggy. Arrived in Tapachula and rented a VW combi from Ardeli rental car co. Got a room at Kamico hotel. Then drove out to Finca San Jeronimo, on the road up to Volcan Tacana. We spent about half an hour convincing some kids they should look for snakes in the cafetal. It rained this whole time. From about 16:30-18:00, Ted and I and 18 other kids & men worked productively, collecting a total of 53 snakes, 7 lizards and 12 frogs and toads. Over 200 people live on the finca. It seems very large, devoted mostly to coffee, although there is some banana.

Seib, R.
1978

Tuxtla Gutierrez to Tapachula, Chiapas, México

11 July — One river, 5-10 m wide (in flood) runs through finca, and several tributary creeks are present. A great deal of natural vegetation remains. The dominant and ubiquitous shade tree is called Chalumb. The finca is very hilly and full of slopes. There is a great deal of leaf litter. We found 7 species of snakes on the ground under leaf litter on slopes of about 20°. They were always under coffee which were shaded by Chalumb.

26 Ninia sebae
12 Geophis nasalis
5 Coniophanes fissidens
5 Pliocercus elapoides
2 Ninia diademata
2 Micrurus nigrocinctus
1 Tantilla

All of these snakes were found in what appeared to be exactly identical microhabitats, except for 2 N. sebae taken from within a rotten log, a one G. nasalis found under a log away from leaf litter. Both Micrurus gave a striking tail display. They coiled the tail and shook it rapidly so that at first I thought it was the head. While I was standing in a tiny clearing for several minutes, I absent mindedly scraped the leaves below me with my boot, discovering a N. sebae. Later I found the only

Seib, R.
1978

Tuxtla Gutierrez to Tapachula, Chiapas, México

11 July

skinks obtained, also by scraping away leaves with my boot. Roughly half the snakes seem to be in shed, including 4 of the 5 Pliocercus. The colleting followed a brief, hard rain, but it did not rain again this day. The moon seemed about 1/4 to 1/2 full at night, barely noticeable through the cloud cover. I injected all the snakes at 18:00 to kill them and stop their digestion. They were all preserved by injecting them backwards to avoid regurgitation. Before we left the finca, the people described several other herps living there: Bothrops, Atristrodon, several large, diurnal snakes, Boa, salamandus. We told them we would return within 2 weeks. We paid 5 pesos for all snakes but the Pliocercus and Micrarus which were worth 20 pesos. The frogs, toads, and lizards were a peso each. Total cost = 390 pesos. We night drove to Union Juarez, elev 1250 m, and back to Tapachula where we tagged, weighed, measured and preserved. Finished a little after midnight.

Tapachula to Guatemala City, Guatemala

12 July

We left bright and early, crossing the border in record time of about an hour. Car broke down in Cuyotenango, 7 km W Mazatenango. Stayed there until about 17:00 when it ran long enough to get to Mazatenango. A mechanic fixed it by 22:00 and we arrived in Guat. City about 1:30 A.M. At Cuyotenango I asked

Sab, R.
1978

Tapachula to Guatemala City, Guatemala

12 July some people if I could enter their patios to look for animals under rocks. I found quite a bit: 5 Gonatodes fuscus, 1 Lepidophyma, Ninea sebae, Xenodon and 4 Typhlops braminus under rocks on soil. A kid caught me a Basaliscus and I didn't bother to collect Bufo marinus. It rained on and off in the afternoon. At Mazatenango, I found a Coniophanes fissidens under a rock and Ted found an Ameiva.

Guatemala City to Antigua, Guatemala

13 July This morning we met Dr Wake, his son Tom and Paul Elias, who had flown in the previous ~~to~~ day, at the Hotel Maya Excelsior. We planned our strategies for most of the morning, then Paul and I took a bus to Antigua to visit some friends. It was my first visit to this beautiful town, set in a valley and beneath Volcan Agua. We stayed at Pensión El Arco, across the street from some of the PLFM buildings.

Antigua to Guatemala City, Guatemala

14 July We woke up at 5:00 and took a bus straight into the capital. Had breakfast with the rest of the group. Ted and Tom and Paul and I set out for Miramundo, above Mataquescuintla, while the rest stayed in town trying to get permits. At Mataquescuintla the car broke down again and wasn't fixed until 16:30 when we just headed back for the capital without Pseudoeurycea expectada.

Seib, R.
1978

Guatemala City to Cobán, Alta Verapaz, Guatemala

15 July

Got up at 7:00 and took the car to the VW dealership to see if they could make it safe to take to Cobán. Everyone but Ed and I prepared for their trip to Uspantán. They would find nothing wrong with the VW so we left for Cobán about noon. There was a 2½ hr on the road descending into the Motagua valley because the earthquake in 1976 destroyed the road there. The workers let traffic pass about every two hours. The Motagua valley is reminiscent of the Balsas Depression. The vegetation and herpetofauna are similar. Enyliosaurus deppei inhabits E. clarkii's habitat: they live in hollow dead branches of the large cactus. We stopped and caught 3 in an hour. Two more were seen. They are not nearly as common here as along the road to Apatzingan from the coast in Michoacan. It began to darken up so we drove on. It was raining hard past the crest of the sierra. We found a smashed Oxybelis, several Rana and and a live 20" Bothrops 18 km before Cobán. The latter is bright green with yellow patches along the dorsal ridge, quite a beautiful animal. At Cobán all the hotels and most pensiones were full. We found a very nice pension: drive into town; turn left at the beginning of the square, going down a steep block; turn right at the corner and it is on

Seib, R.
1978

Guatemala City to Coban, Alta Verapaz, Guatemala

15 July — she left. The place is quite clean and it has showers with hot water. 3 dollars each w/o meals.

Coban to Finca El Volcan, Alta Verapaz, Guatemala

16 July — A bit of sun this morning. We're eating breakfast at the pension. Very nice breakfast. Someone just told us that the road to Senahue out of Coban may not be passable and that we should drive back to near Purulha and take the other road. He said it would take a maximum of 6 hours. It actually took about 6½ hrs to travel the approximately 130 km from the paved road near Tactic to Finca El Volcan. We arrived at about 16:00. I went directly to see Don Paco, the administer. He is extremely gracious and took us into his house, saying we should sleep there. Ted and I went out to find people to look for animals. The predominate language is Quech-chiq (phonetic), but several other languages are also spoken. They are all mutually unintelligible to the various Indians. We looked for an hour or more with half a dozen kids. I immediately found a Tautilla under boxes under coffee - a distinct lack of shade trees. Ted found a Nina sebae under a small log between rows of coffee. No other snakes. Approximately 15

Seib, R.
1978

Cobán to Finca El Volcan, Alta Verapaz, Guatemala

16 July

Bolitoglossa were found - about equal numbers of B. dophlini and B. mulleri, all under twigs, leaves or wood, in the open and under coffee. We bought about 10 from kids at $.10 each. Spent $1.00 today. Earthworms, millipedes are extremely common under the leaf litter. The finca is different from San Jeronimo and Santa Julia. It is steep; the coffee are in discrete rows and planted so close together as to make it difficult to enter and work. The leaf litter is not voluptuous, mostly under the coffee. However, clumps of dead twigs and leaves are piled in the open and B. dophlini are common there. The B. dophlini become ridgid when exposed, and look very much like sticks. When turned over, the immediately right themselves. It did not rain today. Don Paco had his servants prepare dinner for us. He is very lonely, only visiting his wife and kids in the capital monthly. He is 75 years old, but appears much younger. After dinner we slept. I slept on a veranda. Very difficult to sleep because I itched badly. It rained 10 mm during the night. Don Paco has a rain gauge and measured it daily.

17 July

We woke at 5:00 and went down to the patio until 7:00. The workers were being assigned jobs for the day. I passed out plastic bags.

Seib, R.
1978

Finca El Volcan, Alta Verapaz, Guatemala

17 July People seemed interested, but I don't think they'll bring in much more than Bolitoglossa. I learned some Quech-chiq: I buy animals = Tin ló ishúl
snake = cantí
salamander = ahl áhl
These are phonetic spellings. I think ahl = two feet. Don Paco wanted us to have breakfast with him at 7:00, so we didn't go looking until almost 8:00. We walked along a trail through ginger (cardamón), finding large land snails and B. dophlini. Ted found a Tantilla and a Micrurus which is very similar to the sub-species of Ninia sebae here. Walking through coffee I found another Ninea under leaves, a B. mulleri under leaves, and B. dophlini under a rock and a log, both in sun. B. dophlini are the only salamander in Ginger. Lizards and frogs seem rare. I caught a skink and an anole and saw some Sceloporus and Ameivas. Ted caught two small Eleutherodactylus. A possible explanation for the rarity is that the fields are sprayed with Paraquat. There are about 400 workers here now, but no one has come running up with bags full of animals. Organization is tighter here than on the other fincas and all crews have a forman. Maybe they can't look for animals as freely. Don Paco had a fantastic

Seib, R.
1978

Finca Volcan, Alta Verapaz, Guatemala

17 July, spread for lunch at noon. We went out again with several hicks after lunch. The finca is replete with limestone, so much so that it is difficult to work (and plant crops). This afternoon 8 more snakes were caught, and over 60 B. dophlini, 10 B. nuller and some B. helmrichi-type salamanders.

4 Ninia sebae
2 Tantilla
2 Micrurus

6 Anoles, another skink and several Eleutherodactylus, a tiny and a giant species (and something in between) were also caught. All but one Micrurus were under leaves in the cardamon. The other Micrurus was under leaves in coffee. The people are now beginning to catch on to the fact that they can make a lot of money by catching animals. We paid $.50 each for the coral snakes and a dime for everything else, except the small frogs, & the lizards. Even some women asked me for plastic bags tonight, while this morning they turned them down. I am becoming convinced that snakes are rare animals here. The dominant leaf-litter herps are Bolitoglossa, especially B. dophlini. We spent an hour preserving. Incredibly large moths abound here in the house. They have a long

Seib, R.
1978

Finca Volcan, Alta Verapaz, Guatemala

17 July

proboscis which they enroll at times. Our bodies are covered with bites, stings and reactions to various plants. The humidity seems to be near 100% because we are never, ever dry. We did shower here tonight, though.

18 July

It rained 7 mm in the afternoon of yesterday and night. Almost 900 mm this month, and about 3800 mm this year. Cleaning the live salamanders we find a fourth speies, B. rufescens. The rest of B. dophlini has parts of large black ants. I suspect they also eat termites because I have found them under rocks with termites. They are generalists in microhabitat and may be so with the food resource. It is interesting that we only find B. dophlini on the ground under the cardamon plants. Two Nina sebae were brought to me before 6:00 this morning. Today there is a ubiquitous cloud cover and we are chilled. It has never been cooler than 13°C here, nor warmer than 31°C. Don Dano's thermometer records these maximae and they remain in the gauge. At noon it is 23°C. We spent an eventless morning. One person brought me a Nina and about 15 other herps, mostly B. dophlini were found. It is now time for lunch and we have arranged for several men to walk to the top of "la montaña" this afternoon. There are plants there called marguey which are said to have small

Seib, R.
1978

Finca Volcan, Alta Verapaz, Guatemala

18 July

salamanders and green snakes (Bothrops?). Three mountains were described to us:

la montaña	1 hr away	—	marquey
venemá	1½ hr	—	cardamon
si ap	3 hr	—	marquey (highest)

Some incredible birds inhabit this finca. We saw this morning some kite-like birds with long scissored tails and white heads (probably kites). Often one can hear ½ dozen or more calls at a time and about 15 to 90 during the day. Birds are certainly more diverse and abundant here than the herps. And one can see them all the time even if snakes are not to be found. As I write (before lunch) some Indians just brought in a baby coral snake and two beautiful Hylids. After lunch we hiked up to the mountain, but found no bromeliads. There is a vast, young field of cardamon there. Many logs still on the ground, and they don't spray paraquat yet. I found a genus of snake there (1300m) which we've never seen. (leaf litter) Ted found a Lepidophyma under a log. We had a friend with us, Domingo. He doesn't have any friends here because he only speaks Spanish and Q'eqchi'. He works with us for a normal day's wage, $1.50 a day. He will also leave with us because he doesn't like it here. A Bolitoglossa helmrichi (type) was also found up there by a kid, under leaf

Seib, R
1978

Finca Volcan, Alta Verapaz, Guatemala

18 July

litter. It appears that B. dophlini, helmrichi, and rufescens all occur sympatrically under the leaf litter under cardamom. It is most unusual that we ourselves have not seen the latter two. We know that at least one B. helmrichi came from up top, but we're not certain where the others came from, although the birds say from near here. It is also most interesting that we got only 3 species of snake on the lines between 700m - 900m. Of the 45 snakes, 5 are Micrurus 6 Tantilla, and 14 Ninia. A heavy rain during dinner brought out Smilisca, and they are calling as we prepare to sleep. (20:30)

19 July

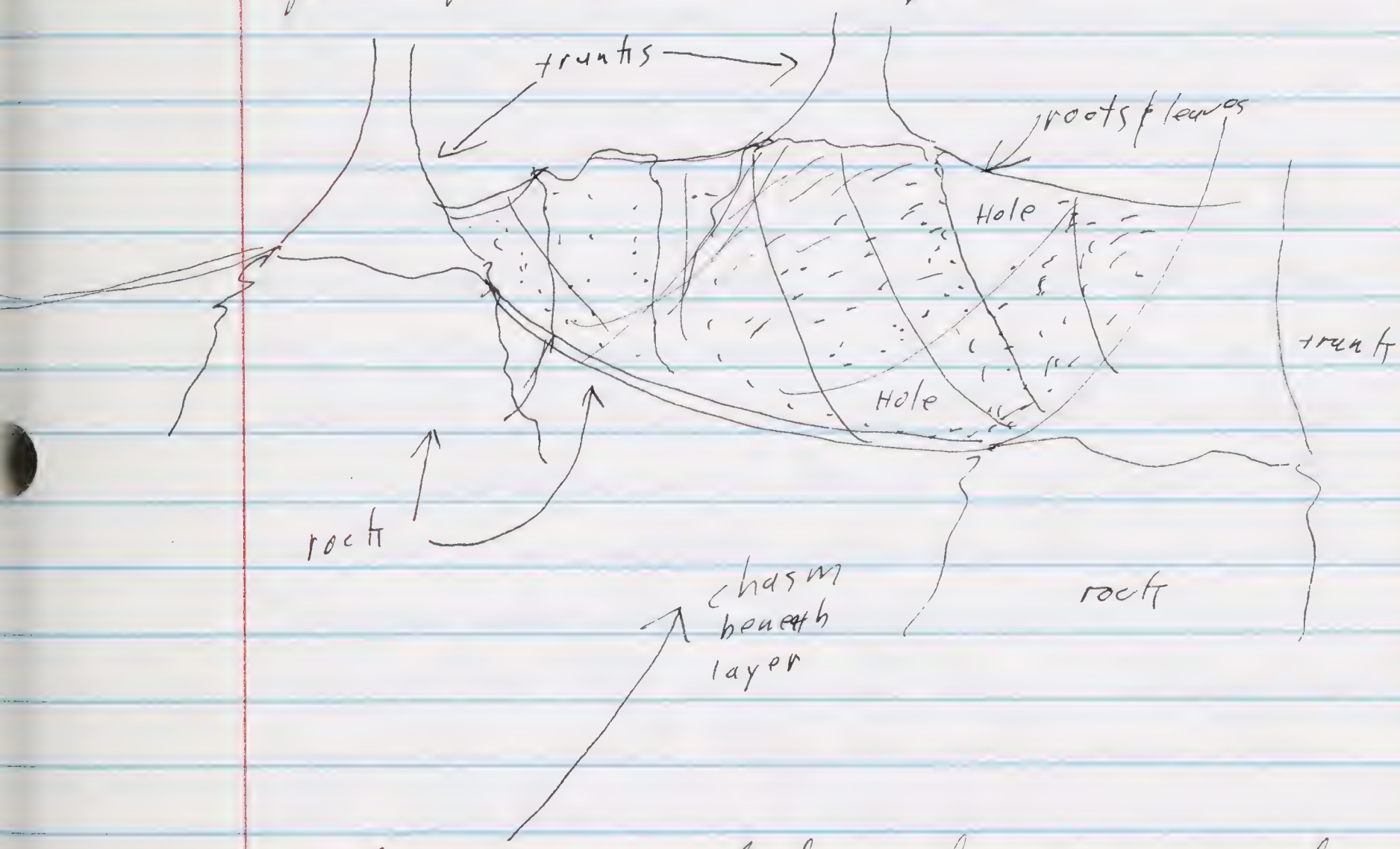
It rained 15mm last night. It was going to check the temperature, but I decided that I can't figure out the gauge and that everything I said about it yesterday is wrong. We left the house at 8:15 with 3 Indians and arrived at the pass between Cerro S. Cruz and another peak at 10:00. It took more than an hour to get to the top of S. Cruz. Elev about 1650m. It was a total climb of over 800m and a round trip of 9-10 miles. At the top we cut open the few Bromeliads we could find, but there were no Chirixalus triton Although the cloud forest is cold and wet, there are few real tree ferns and other big cloud forest plants. It is an extremely perilous place. I think we rarely stood on solid ground. The forest floor is a

Seib, R.
1978

Finca Volcan, Alta Verapaz, Guatemala

19 July

mat of roots and leaves which form a normally thick layer over the limestone. One can often see deep into the earth, for there are many holes and chasms. My impression of the situation is as follows:



On about 5 occasions both my feet sunk into the mat up to the knee and were dangling in mid air. There were countless birds to be heard, but I only saw one hummingbird. The birds have incredible calls. One in particular had a call which consisted of 5 stages. I could here it deep in the forest while standing at the forest's edge. We passed through a field of Macadamia on the way to and from the forest, supposedly the second largest field in North America. We arrived back at 16:00.

Seib, R.
1978

Finca Volcan, Alta Verapaz, Guatemala

19 July

I was quite sick and feverish and went to bed. Jed went to see what animals were brought in. a number of Smilisca came in as expected (because we heard them calling the previous night). From the cardamon up at 1300m near the natural forest, and where they don't spray, came a large Pliocercus and another of the strange genus of snake that I caught there yesterday. Paid me 2 quetzal for the Pliocercus. Dennis Koester, owner of Finca Volcan, arrived while I slept. He is a strong, trim man of 65 who appear more like 45-50. Speaks fluent Quechi, Spanish and English with a British accent. I learned a lot about why this finca is so different from the others I've visited. They grow there coffee intensively - instead of 500/acre, 3000 trees/acre. They use paraquat as an herbicide to keep away weeds. They keep the ground clean. They don't fertilize and they fertilize the ground itself. They've been using paraquat for the past 15 years. Cardomon is the most precious crop in the world, next to maybe Saffron. All of the coffee and cardomon from here is sold to Arab countries. Cardomon is in the ginger family, and the seed is harvested. The Arabs believe it is an aphrodesiac. I was too sick to eat anything, ~~so~~ so I merely went to bed after everyone else finished dinner.

20 July

I feel much better this morning, although my throat is sore. The fast yesterday helped my stomach, headache

Seib, R.
1978

Finca Volcan, Alta Verapaz, Guatemala

20 July

and fever. It rained 18mm last night. Breakfast is late this morning because everyone got quite drunk last night and stayed up until 23:15. Domingo and I went out collecting this morning. We actually found no animals. We first went to a large banana patch, the really good bananas - red ones with with wide leaves which peel all the way down to the base. I thought Bol. togglossa might be found here, but there were only worms and spiders, including some large tarantulas. We next went to the oldest coffee field I could find. I looked closely at the leaf litter again. Now I really spot the differences between Finca Volcan and San Jeronimo. Here there is a great deal of bare ground. Leaves, when present, do not form a thick mulch; they are only a few layers thick. Earthworms are not abundant. The cardomon has a very thick wet mat (putrid) for a mulch. Worms are more common. More animals have come from cardomon sites (I learned this morning that every planted field is sprayed with paraquat and both foliar and ground fertilized - with no exceptions.) At San Jeronimo the mulch is thick, no bare ground, more shade trees. The ground is kept clean here: there are few shade trees because they fertilize. Shade trees are needed to keep the coffee from overproducing and dying. But if fertilizer is put into the soil, the plants can produce as much

Seib, R.

1978

20 July

Finca Volcan, Alta Verapaz, Guatemala

as possible and they still won't debilitate the soil. Just below the patch where Domingo and I were working, several workers were planting coffee. They found 5 snakes: 2 Ninia diademata (type), 2 Ninia sebae and a Leniophanes fissidens (type); and two juvenile Leptodophyma. I was surprised that two other species turned up. After lunch I'll go down where they were working to check it out. It has taken four days to find 30 snakes of 7 species over about 1000–1500 acres. (The finca is 4000 acres.) At San Jeronimo it took 1½ hours to find 53 snakes of 7 species on about 2 acres (scratching the surface). At San Jeronimo there were only 20 of us. Here there are several hundred laboring, all on the alert. At 13:00 it has begun to rain Down where the coffee is being planted, there were about 50 men working this afternoon. Many of them were actively searching in the leaf litter, as were Domingo and I, but no snakes were found. The area is quite devoid of vegetation. There are rows of vegetation piled in clumps on the ground. As the trees are planted, this is removed and used as mulch. In this way the five snakes from this morning were uncovered. The area is less than two hundred meters from natural forest which is the boun-

Seib, R.
1978

Finca Volcan, Alta Verapaz, Guatemala

20 July

dary of this finca. But it is also very close to the areas where the first 25 snakes of only three species had been found. Therefor, I find no difference, really in these habitats and attribute the fact that two different species were found here to the overall tiny sample size of snakes taken both on the finca as a whole, and in each zone of the finca. No other snakes were brought in today. It rained on and off for most of the afternoon and I suspect most people stayed indoors. Back at the house, various people endeavored to increase my knowledge of Quechi, so I practiced this until dinner. Ted and I have decided to leave in the morning to meet Wake's crew in the Montagua valley, but it is difficult to depart such fine company, hospitality and beauty.

Finca Volcan to Santa Cruz, Zacapa, Guatemala

21 July

It rained 51mm yesterday afternoon and night. We are preparing to leave the Finca now. Left at 9:00 and arrived at Santa Cruz 17:00. Met Wake, etc, ate dinner, then slept. Caught a live Mastigodryas 10 km S (by road) of Purulha. Night drove before sleeping and found a large Loxocemus east of Santa Cruz.

Seib, R.
1978

Santa Cruz to Guatemala City, Guatemala, Guatemala

22 July

Ate breakfast, she Ted and I and Paul and Tom drove together towards Guat. City, stopping to collect Enyliosaurus near El ~~Dog~~ Rancho. Tom caught 4, including some babies. Ted caught a Cnophis. The river was nearly bankfull and flowing quite rapidly, carrying large logs downstream. We stopped and asked about Bufos until certain they did not occur there. Drove straight into the capital without a road delay.

Guat. City to Miramundo (Mataquescuintla), Jalapa, and return

23 July

Ted and I and Paul and both Wicked left the capital at 8:30, arriving at Mataquescuintla 11:30. From there it was 10 km and another hour to the forest at the crest between Miramundo and Soledad Grande. We the Nissan Patrol which had big tires and high clearance and we drove rapidly. At the crest, Paul and I walked up to the forest, while the rest went to the forest opposite. After turning many logs in the pine-oak-tropical forest, I finally cut one open with my potatoe rake and found a Pseudoeurycea exspectata. Paul and I worked about an hour and a half to collect 20. I found 1 B. nasio and one pseud. under small pieces of wood on leaves. The logs seemed to be mainly pine, covered with white mott. We left soon afterward. The rest of the group only found one B. nasio and ~~one~~ a Cnophis. Weather was lovely all day. Wasn't even cold in the forest. There is

Leib, R.
1978

Guat. City to Miramundo (Matagueschintla), Jalapa, and return

23 July — barely an acre of forest left where we caught the Pseudoeurycea, and no bromeliads were seen. We arrived back in the capital at 16:00 and spent a couple of hours preparing the salamanders of the entire trip for their air cargo flight to California

Guat. City to Tapachula, Chiapas, México

24 July — It was about a 4 hour drive to the boarder at Tacun Uman. We arrived at 14:00 and crossed in less than an hour. Took a room at Kamico Motel, ate a light dinner, and pondered the brewing storm. Night Drive the Nueva Alemania road for 2 1/2 hours, raining lightly the first half hour. Found no B. flaviventris. Did find Anna sebae, Anolis, Phrynohyas and Hermophis.

Tapachula to San Cristobal las Casas, Chiapas, México

25 July — Left Kamico and drove to Huixtla where we turned up the mountain towards Motozintla. Stopped twice and left bags, asking for B. flaviventris. The road is very bad and all the pavement has washed away in the past year. Once we left the Pacific escarpment and into the drainage of the Grijalva River, we stopped and asked people about salamanders. Ate dinner in Comitan at Neverlandia Restaurant (not bad), then drove on to San Cristobal. Caught a live 3 foot Fer-de-lance on the road before San Cristobal. We lantern walked above San Cristobal to the north, but found

Seib, R.
1978

Tapachula to San Cristobal las Casas, Chiapas, México

25 July — nothing. Driving back to the hotel, we picked up a DOR Adelphicos.

San Cristobal to Tuxtla Gutierrez, and return

26 July — We searched all morning until about 15:00 for Bolitoglossa resplendens and found no herps. We then drove to Tuxtla to visit Alvarez del Toro and ask him about Bipes in Chiapas. It was an uneventful visit and we drove back to the hotel and went to bed early. It didn't rain this night.

San Cristobal las Casas to Comitan, Chiapas, México

27 July — We again searched all morning for B. resplendens and found none. Jal found a Bothrops godmani inside a rotten log SE of town on the road to Palenque. At 16:00 we headed for Comitan, ate dinner there, and went to sleep early. No rain.

Comitan to Ampare Agua Tinta and return

28 July — Today I planned to visit an Atlantic coffee area to collect snakes. We drove out on the paved road to Laguna Montebello. Along the way we stopped at some ruins and took photographs. We also stopped at Tziscao which is beyond Montebello on the dirt road. We had left a quart jar of formalin with some people 2 years ago, hoping they would collect salamanders. The man had seen perhaps a half dozen of what seem to be jumpers, but he didn't collect them because he thought they would rot. We explained again about formalin and said we would one day return.

Seib, R.
1978

Comitan to Amparo Agua Tinta and return

28 July

The dirt road from the pavement to Amparo Agua Tinta (used to be Santa Elena) is about 40 km and has deteriorated greatly in the last two years. It took me 2 hours to drive this part. We stopped at A.A.T (elev. 740 m.) where there is rather extensive coffee (several acres at least). It is about 10 years old. There is a small town also. Never have I seen such vast expanses of virgin cloud forest! Even next to the coffee there is good forest. We arrived at about 13:00 and immediately interested some birds in searching in the coffee with us. I found a Ninia sebae within 5 minutes. It was just under leaves, as usual. Soon everyone else was finding. We eventually contracted up to 8 workers at 5 pesos per snake and salamander, and 20 pesos for Pliocercus and Micrurus. After 3½ hours we had caught a total of 2 skinks, 5 Bolitoglossa mexicana, 58 Ninia sebae, 2 Pliocercus and 3 Micrurus. Ted personally caught 8 Ninia and a Micrurus. While I caught 2 Ninia and 1 B. mexicana. The coffee plot is similar in some ways to San Jeronimo. The shade tree is again Chalumbj the trees are widely spaced, and the leaf litter is thick, ubiquitous and full of worms. Most of the land here is flat, though. The ground is also full of holes. Very often, when we would rake away the litter, some animal would shoot down one of these holes, but we never got a good look at them. All salamanders and snakes were found

Seib, R.
1978

Comitan to Ampato Agua Tinta and return

28 July

on the ground under leaf litter. We found it strange that only 3 snake species were encountered. There was a total lack of anurans which could explain the absence of frog eating snakes. The workers described the jumping salamander as abundant occurring in the leaf litter. We
→ spent about 350 pesos for the animals. The area is rich in mosquitoes. Although I applied Cutters insect repellent about 10 times, I'm covered with bites which itch continuously. Anopheles mosquitoes bit us today and the people say the Malaria is sometimes present. The entire region is underdeveloped. Just a road through tropical forest, and small settlements carved out. We left at five, after I killed all the snakes to stop their digestion. It rained the entire night. Many Bufo on the road back to town, and some Hylids. We caught one Smilisca. Arrived at Comitan at 19:30. Tagged, weighed, measured, and preserved the snakes. Then at dinner at 20:15 and went to sleep.

Comitan to Tapachula, Chiapas, Mexico

3rd July

Got up at 7:00 and organized, ate breakfast, and wrote. Left Comitan 9:30, clear, sunny and warm. Caught a large Oxybelis aeneus on the road mid-afternoon 61km N (by road) Motozintla. Stopped at the pass above this city and looked for Bolitoglossa nigroflavescens. I caught a large one in a road cut, then we hiked up to where we caught several last year: above the pass where there is good

Seib, R.
1978

Comitan to Tapachula, Chiapas, México

29 July

forest. An Indian found a small one in a dead Bromeliad we had opened last year and which was rotting on the ground. I found a Geophis (smooth scales) under some wood. All found:

2 B. nigrofavoscens
1 Bufo (tympanum less)
2 Hypopachus
2 Geophis

Fog so thick we couldn't see one another. Drove down to Tapachula. I was sick with dysentery and went to sleep at dusk

Tapachula, Chiapas México

30 July

At 9:00 We drove out to Finca San Jeronimo and worked with about 7 kids and a couple of men until about 17:30. We first started in a rather flat area and found only a few Nina sebae. Ted found a Ptyocercus here, but it escaped into the ground. We next proceeded to work the adjacent slope, different in no other obvious respect. Almost immediately we found 6 of the 7 species encountered on the last visit (Tantilla was found about an hour later). By noon we had about 15 people working diligently, but few snakes could be found at this time. Elutherodactylus were rather common as was Anolis. Two additional species were found today. One was a Drymobius margaritiferus

Stib, R.
1978

Tapachula, Chiapas, México

30 July

for which I paid 10 pesos. The other is not identifiable by me. It looks almost exactly like a Virida diadema, but it has smooth scales. We left them bags and walked back to the car. On the way, on the paved road, a boy spotted an extremely active and large Micrurus from the road edge. It was apparently just in the grass. We drove up the road, found an open spot and processed all of the morning's animals. We then drove up past Union Juarez to where the rock road ends, arriving about 15:15. We searched with several kids until at 17:30. Coffee, banana, pine trees here. I caught two Bufo typaeyensis under leaves. Ted & caught a Geophis (smooth scales) and kids caught three others. We left them bags and said we'd be back in the morning. Most of the coffee here seems to be divided into family plots. Area seems to be one of old cloud forest prior to cultivation. We drove back to finca San Jeronimo. Several people had full bags. bags: 35 snakes, 4 anoles, 2 Eleutherodactylus. We left more bags and said we'd be back in the morning. Drove back to Tapachula and processed all the animals. Showered and had dinner.

Seib, R.
1978

Tapachula, Chiapas, México

31 July

After breakfast we drove out toward Finca San Jeronimo for the start of an incredibly full day. At the finca we stopped only a moment to let the people know we would return in the afternoon to buy animals. We proceeded to Union Juarez and parked just above the main central area at elevation 1300 m. Here there is plenty of coffee and banana with natural shade trees. It is not a finca. Rather, since we are still in town, all the house on the blocks have plots sectioned off. Their chickens scratch about in the leaf litter and nothing was found in it. Tod found an adult (392 mm) Geophis cancellatus under a dead banana trunk. In the bananas we found 4 Bolitoglossa occidentalis and a pair of mouse opossums. We collected these to take back alive. At night we put the mammals in a 5 gallon bucket with pair and they ate an anole and a Nina sebae and papaya and banana. Under logs and within them we collected: 7 Adelphicos quadrivirgatus
1 Geophis cancellatus
3 Geophis nasalis immaculatus
1 Rhadinaea hannsteini
3 Leptodactylids

We then drove up to 1550 meters and had no luck in the same situation. There were no rotten logs to be found, however. We then drove back up to Colonia Talquian at 1650 m. People had been collecting for

Seib, R.
1978

Tapachula, Chiapas, México

31 July

us and they came rushing up with bags of animals. One man had a huge green tree viper of a species I've never seen, but not nigroviridis. Yr many animals came from "the milpa", including a dead B. flavimembris, that we decided to make the 1 hour hike up the mountain to visit the site. The animals from 1650 m:

4 Bufo tacanensis
3 Leptodactylids
3 Plectrohyla (2 species)
2 Sceloporus
1 Geophis immaculatus
1 Tropidodipsas?
1 Bothrops bicolor

A narrow foot path took us up to 2150 m where cloud forest has been cut for a new corn field. A few trees remain and many logs are on the ground. In a couple of hours we collected:

41 Anolis
11 Barisia
1 Rhadinaea lachrymans
3 Plectrohyla (2 species)

The snake was found under a log by Ted. All the others were active except the larger of the Plectrohyla (matudai?) which was under a big rock. Walking down, we found a large B. flavimembris under a rock at the the base of a tree in a lower corn field, elev. 2100 m. At 2000 meters there is a small patch of virgin

Seib, R.
1978

31 July

Tapachula, Chiapas, México

cloud forest. We opened about 10 bromeliads of which there are numerous and found one each of B. ingleheardti and a Bolitoglossa which seems to be intermediate between franklini and nigrescens. It was getting dark so we had to leave. Drove down to finca San Jeronimo, arriving at twilight and were swamped with people and bags of animals:

4 Adelphicos quadrivirgatus
15 Coniophanes fissidens
5 Drymobius margaritiferus
10 Geophis nasalis
1 Clelia
5 Ninia diademata
23 Ninia sebae
7 Pliocercus elapoides
1 Tropidodipsas
3 Micrurus
6 Leptodactylids
4 Anolis
7 Dermophis mexicana

On the road before Cacahoatan, Jd ran over an adult Tropidodipsas, elev 550m. We drove into Tapachula on this rainless day and night and processed the snakes from San Jeronimo by midnight, leaving all else for the morning.

Seib, R.
1978

Tapachula to San Marcos, San Marcos, Guatemala

1 Aug

Preserved until 13:30 then drove to the boarder, crossing by 15:00 on this sunny, rainless day. Took the dirt-rock road through Malacatan and San Rafael P.e de la Cuesta to reach San Marcos, a drive of 3 hours. Very dry, no rain for some time because it is "Canicula." Caught an adult Rhadinaea lachrymans on the road at elev. 2040, about 3 km above La Fraternedad. At Hotel Perez in San Marcos we met Tom, Marvalee and Dave Wake; Paul Elias has gone to Barrillas in the Cuchumatanes Mtns. Talked, ate, planned to visit Finca Santa Julia in the morning, and went to bed.

San Marcos to Finca Santa Julia and return

2 Aug

We met for breakfast at 7:00 this clear, sunny day. Drove down to Finca Santa Julia, stopping here and there and photographing Volcan Tajamulco. Caught a Boyla and a Electrohyla in a single bromeliad above La Fraternidad. When we arrived at the Finca, kids came running up asking for bags to catch snakes within five minutes. We soon met one of the owners, who was born in New York. Paul Stauder is very friendly and didn't mind us working there. He asked us if we were "the famous snake people" and then gave us all cold cokes. Ted and I and Tom took off to collect earthworms from 5 microhabitats: Under banana; Under rocks; under leaf litter; 0-2 inches deep; 2-5 inches deep. Marvalee wanted a large series of caecilians

Seib, R.
1978

San Marcos to Finca Santa Julia and return

2 Aug

to she collected a series of worms from that micro-habitat: compost heap above and beside stream. 2 Geophis nasalis were dug up as 5 five caecilians were found in the half hour that Ted and Marvalee watched the people work there. Tom and Dave walked up above where we were working. (administrative buildings) and raked leaves and collected in bananas. In the leaves they found snakes and Leptodactylus. In the bananas they got 14 B. occidentalis, 1 Hyla, 2 Ptychohyla. Within 10 minutes of passing out bags, snakes were coming in. We paid 5 cents for small snakes, 25 cents for large species, 50 cents for Micrurus and Ptiocercus, 10 cents for Dermophis, 5 cents for Bolitoglossa, $1.00 for Oediping, and 1 cent for small frogs, toads, and lizards. As they snakes came in & killed them with nembutal. After there were over 100 dead, & catalogged them all and then we all worked to make tags, sew them onto the snakes, weigh and measure, and finally preserve them. It was a nonstop process from here on in. We did 2 large batches and one small batch of snakes in this manner. At the same time Ted and Marvalee were also preserving caecilians. The total catch for the day was:

2 Bufo (2 species)
7 Leptodactylus
20 Bolitoglossa occidentalis
1 Oedipina ignea

Seib, R.
1978

San Marcos to Finca Santa Julia and return

2 Aug

1 Hyla
2 Prychohyla
1 Anolis
2 Scincella
7150 Dermophis

Snakes:

194 Geophis nasalis
62 Adelphicos quadrivirgatus
29 Ninia sebae
12 Rhadinaea hannsteini
6 Ninia diademata
5 Coniophanes fissidens
3 Micrurus wagneri
3 Drymobius chloroticus
2 Mastigodryas
1 Drymobius margaritiferus
(new specirs) 1 Leptophis
1 Pliocercus elapoides
1 Micrurus nigrocinctus

320 snakes

Frog-eating snakes, especially C. fissidens, were especially rare today. Few frogs came in, also. This would be due, possibly to the (unicid) or dry spell between the rains. Many of the big frog eaters seem to have large frogs in their stomaches. Finca Santa Julia is changing. The owner says that in time all of the finca will become

Seib, R.
1978

San Marcos to Finca Santa Julia and return

2 Aug

more and more like Hester's Finca Volcan. Already they are using herbicide and planting coffee closer together. They fertilize the coffee and remove many of the shade trees. I will be most interested to follow the ecological changes thru time as the finca changes from a "herp haven" to a less hospitable habitat. After dinner I preserved all the earthworms. I dropped them into jars of 10% ethanol to anesthetize them; then I laid them out in trays of 5% formalin. Finished at 23:30 and went to bed.

San Marcos to Volcan Chicabal and return

3 Aug

After breakfast we all drove out to past San Martin Chile Verde and below to a spot rich in bromeliads. Our goal was to find Bolitoglossa franklini. It was quite dry and the salamanders were rather common in large bromeliads in a recently cleared area. One was found in a fallen bromeliad. 2 Bolitoglossa flavimembris-type animals were found in bromeliads, and another 30 were found in logs, under bark, under litter and under logs. We drove back to San Marcos with about 15 B. franklini and began to organize all the specimens of the trip because Ted and I plan to leave for Tapachula tomorrow.

San Marcos to Tapachula, Chiapas, México

4 Aug

We spent the morning organizing and left at 10:00. To the road past Chicabal down to the coast road and arrived at the border by 13:00. Checked into

Seib, R.
1978

Aug

San Marcos to Tapachula, Chiapas, México

Hotel Kamico at 15:00 and slept one hour. Raining lightly for two hours. At 16:00 we drove to finca San Jeronimo and asked them to collect snakes tomorrow. We then drove up the road and stopped at finca Monte Perla, elev. 960. There were many people playing soccer there and most of them went out to collect snakes with us. We collected almost adjacent to the administrative buildings and soccer field on a slope of about 25°-30°. They found 31 snakes in 45 minutes and I found two frogs:

2 Eleutherodactylus
3 Coniophanes fissidens
7 Adelphicos quadrivirgatus
4 Geophis nasalis
17 Ninia sebae.

I watched them rake away some leaves under a coffee tree and remove 8 Ninia sebae. They were all coiled and sleeping, usually 2 or 3 on top of one another. All 8 within a square foot patch. I found this extraordinary. We left at dusk and asked them to collect more snakes tomorrow. They also described a niña from there: a salvini type animal. We drove at dusk back to finca San Jeronimo and lantered walked for 45 minutes in the viscinity of the river near the bridge. Jed found the most interesting

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San Marcos to Tapachula, Chiapas, México

4 Aug

animal, a beautiful, green Centrolinella. The total find was:

3 Eleutherodactylus (2 species)
1 Bufo
15 Rana (juvenile palmipes?)
1 Centrolinella
1 Anolis
1 Sceincella
1 Ninia sebae

Ted found the striped Eleutherodactylus in a yucca-type bush. The Centrolinella was also in a bush. The Rana were found along a winding creek. Bats were flying about tonight. We drove to the hotel and processed the animals, leaving for dinner at 20:15.

Tapachula, Chiapas, México

5 Aug

We drove out to Finca San Jerónimo and asked the few people we could find to collect snakes. Then drove up to Finca Monte Perla and reminded the few people we could find there to collect snakes. We then drove straight up to Colonia Talpecian for the main business of the day. We took machetes and bromeliad cutters and walked up the foot road which leads to Guatemala. All day long, until we left at 17:00, there was a steady flow of people up and down the road. We probably saw over 200 individuals, and one herd of sheep which seemed never to cease eating as they traversed both

Seib, R.
1978

Tapachula, Chiapas, Mexico

5 Aug

road and terrain. We looked for bromeliads for a long time, but they were mostly out of reach. We finally came upon a huge tree laden with large bromeliads and situated within a hairpin turn of the road so that half the number of plants fell to the up side, the rest below. An Indian happily climbed the tree and tossed down the plants, one by one, waiting patiently while they were opened. The operation took 45 minutes. I cut my good hand with the machete on the first bromeliad and was relegated to the bleachers for the remainder of the day. The tree was rich in animals. 20 bromeliads produced:

2 Bolitoglossa ingleheardti
2 Plectrohyla
1 Abronia
1 Sibon?

Ted also found and Eleutherodactylus under a rock, large, dark green and brown, and very mute. On the way down, about this elevation, 6 Bolitoglossa flavimembris were found under rocks. We proceeded higher and found few bromeliads. We turned a few logs between 2050m - 2150m and found 3 snakes, 2 genera under the same log:

2 Geophis
1 Rhadinaea lachrymans
2 Barisia

The lizards were found under logs along the trail

Seib, R.
1978

Tapachula, Chiapas, México

5 Aug

and in a corn field. We headed down, turning rocks and logs along the way, and annoying the sheep as they ate their way down the mountain. At 1850 m Ted found some more reachable bromeliads and sent a kid up several trees. In the first tree two *B. inglehardti* were found. In the last tree a new species of *Bolitoglossa* was found!! It could easily have been overlooked because it had fallen out of the plant and was sitting in the dust. Ted's keen eye spotted it in the dust as he reached for the plant. The animal itself was a female; almost fully webbed feet, especially hind; beige in coloration with some mild white spotting on the tail; head tapers evenly into robust body, rather elongate and blunt at the snout; snout vent about 50 m, tail not quite as long. We headed down the mountain in the rain. Ted found a second specimen of this new species in the first leaf of banana plant exposed to the edge of the road in someone's yard, elev. 1720 m. We drove to Finca Monte Berla and they had 24 snakes:

5 Adelphicos quadrivirgatus
9 Coniophanes fissidens
7 Geophis nasalis
1 Mastigodryas
5 Ninia sebae
5 Rhadinaea hannsteini

We drove on to Finca San Jeronimo where they only

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1978

Tapachula, Chiapas, México

5 Aug

had four anoles and six snakes:

2 Coniophanes fissidens
2 Geophis nasalis
1 Ninia sebae
1 Pliocercus elapoides

We drove down the mountain and stopped at Cacahatan to get bandages and medication for my hand. While in the pharmacy it began to pour and thunder. The rain brought out frogs and a Tropidodipsas at Puesta Chico on the main highway. We drove out on the Nueva Alemania road looking for B. flaviventris, but the road was already dry when we arrived. Back at the hotel we killed all the snakes and put them on ice to be processed the next day. I had collected some large land snails and placed them in a bag with an adult Plectrohyla. At the hotel I noticed that a large snail was ingesting the frog!! An entire leg was already swallowed and had to be removed. The frog was still alive, however, and I immediately preserved it. We ate dinner and slept.

Tapachula, Chiapas, México

6 Aug

We relaxed in the morning and afternoon and preserved all the animals. It showered before dark and at dark we drove the Nueva Alemania road. It was already dry and all we saw was Dermophis and Visia.

Seib, R.
1978

Berkeley to México City, México, México

10 Dec — Ted Papenfuss drove me to the SF airport and dropped me off. I was to catch a 6:45 PM flight to Mexico City, where I would transfer to an Aero México flight to Tapachula, Chiapas the next morning. However, my Western flight to M.C. was wrongly booked, having left in the A.M, so I got a different flight later - at 9:30 P.M - by going first class. This was an extra $48.00.

México City to Tapachula, Chiapas, México

11 Dec — My flight left on time. It was first to land in Villaheimosa, Tabasco; next stop: Tuxtla Gutierrez, Chiapas; and finally: Tapachulla Chiapas. Beat at Villaheimosa we deplaned for more than two hours due to "bad weather conditions" at Tuxtla G. Then we finally shipped Tuxtla G. and flew straight to Tapachula. To me, it seemed to be a thick fog, not a storm, which was preventing landing at Tuxtla. The plane flew back to Mexico City, having never stopped at the capital of Chiapas. I immediately rented the VW sedan which was waiting for me (by reservation from Berkeley). The company is Ardeli. They know me well by now and don't question my age (2 years too young still). All my baggage arrived (miracle!). Drove into ~~San Cristobal~~ town and rented a

Seib, R.
1978

Mexico City to Tapachula, Chiapas, México

11 Dec. room from Hotel San Francisco, 228.00 pesos/day for one person. Rather an inconvenient 2nd story room. I then got gas and drove over to Volcan Tacaná. I stopped first at Finca San Jeronimo. I began by passing out plastic bags, saying I would by snakes at 5 pesos each. Large snakes are worth 10 pesos, Micrurus and, naturally, Pitvipers are worth 20 pesos. They don't distinguish between the latter two forms. They seemed mildly enthusiastic. I told them I would return the next day on my way up to Union Juarez and buy the snakes. They say there has been no rain for 2 months, even though it is heavily overcast. They say I should also visit during March because they find many snakes clearing and cutting fields. It was getting late so I drove up to Finca Monte Perla and passed out bags. The workers don't remember well here. They also caught less snakes here on their own than at the previous locality. I left soon and drove the remaining 5 km up to Union Juarez, looking for a place to lantern-walk. I stopped along the road for 20 minutes to work some mixed banana-coffee. The ground under the leaves was quite dry, but under banana stalks and

Seib, R.
1978

Mexico City to Tapachula, Chiapas, México

11 Dec

in the stalks themselves was quite moist. I was very discouraged after this collecting, not having seen any sign of activity, other than a single millipede under a banana. At dusk I drove back to Finca San Jeronimo to a site Ted and I walked in August. I was waiting on the road for pitch darkness to set in. Looking about with just my flashlight, I saw a baby salamander, Bolitoglossa occidentalis crawling rapidly along the edge of and elephant ear leaf. I was extremely excited by this juvenile salamander being active during the dry season. The elephant ear was exposed to direct sun, being situated on the road edge. I looked further with my flashlight and found three adult anoles of a small species on a fern and on grass blades. I then lighted the lantern and walked along a trail through the cafetal. I walked for 2 hours, until the moon was high. Found 3 more B. occidentalis on elephant ear leaves. All these plants 3 or feet high. Found a Bufo valliceps hoping along the floor. Also on the floor were several individuals of Eleutherodactylus rhodopsis and E. ragulosis. In a rivulet which crossed the trail, I found two Rana maculata (Macroglossa) which are

Stib, R.
1978

Mexico City to Tapachula, Chiapas, Mexico

11 Dec — in the juvenile siga class Joel and I caught in August, but they've grown. I drove back slowly, but found no sign of life, or death, on the road. Arrived Tapachula 22:00. I have not slept for two nights now and feel exhausted.

Tapachula to Volcan Tacaná, Chiapas, México, and return

12 Dec — Slept 15 hours straight through and feel rested. It's late however, 13:00, and I have to get kerosene and ice before heading back to Tacaná. I will be much later than I told the finca people. I drove out to Finca San Jerónimo, but it seemed that no one had looked for snakes. So I told the people I saw to tell the others I would return at dusk. Then I drove to Finca Monte Verde where most of the workers were either playing soccer, or watching the game. Absolutely no one there had looked. I encouraged them to look right then with me. They were afraid of the snakes, so I said I would catch them myself if they would find them, and I would still pay 5 pesos for small ones. They agreed. About 50 people initially came with me. We searched the leaf litter for some time. I could barely hear due to all the litter being turned near me. Then, one person found an Adelphicos in the

Seib, R.
1978

17 Dec

Tapachula to Volcan Tacaná, Chiapas, México, and return

base of a stump. Within a few moments he found a Coniophanes in the same stump & paid him and the rest of the people worked very diligently for more than an hour. About 2 or 3 of the 96 snakes caught during the three hour period were found in the litter. All the rest were found in the base of stumps under ground, or at the base of large boulders under rocks or leaves, or under rocks (at least one Ninia diademata), or within a rotting piece of wood (one Ninia sebea). The breakdown for the day follows:

3 Eleutherodactylus rhodopsis
2 Anolis
1 Scincella
5 Adelphicos quadrivirgatus
10 Coniophanes fissidens
1 Geophis nasalis
5 Ninia sebae
2 Ninia diademata
2 Tropidodipsas sartori
1 Micrurus nigrocinctus

I saw one Tropidodipsas being caught. It was right beside a Coniophanes in the base of a stump. In another stump, I saw three Coniophanes appear in succession as the would was being torn apart. It was getting near dark, so I left

Seib, R.
1978

12 Dec

Tapachula to Volcan Tacana Chiapas, Mexico, and return with my 26 snakes and drove towards Finca San Jeronimo. It was just dark when I arrived and had begun to rain heavily. Only three people had bags. One bag had a single coral-colored snake. One bag had one of these and two litter snakes. And one man had seven snakes, 2 of which were coral colored. There seems to be a definite bias here towards coral-colored snakes. I don't know if that's because I pay more for them, or if it's due to collecting technique. Breakdown:

2 Coniophanes fissidens
1 Drymobius margaritiferus
4 Ninia sebae
1 Ninia diademata
2 Pliocercus elapoides
1 Rhadinaea posadasi
2 Micrurus nigrocinctus

It was raining hard at dark so I drove a couple of kilometers in either direction where the rain stopped, seeing nothing but a frog. I then walked for over an hour, finding only E. rhodogaster and an E. rugulosus that escaped. Although I checked twice as many wet elephant ears as the previous night, I found no salamanders. The ground was wet

Seib, R.
1978

Tapachula to Volcan Tacana, Chiapas, México, and return

12 Dec

and drops fell from the canopy, but there was less activity tonight. The moon was full and rose earlier. Drove into Tapachula, seeing nothing on the road.

13 Dec

After weighing, measuring, tagging, and preserving all the snakes last night, it was 1:30 before I went to bed. Woke up late again today and finished tagging all the frogs. By 11:30 I was ready to go into town to try to find change to pay the snake finders on the fincas. I drove to San Jeronimo. It was too hot to collect, so I shot an entire role of film in the area where I've been lantern-walking. In the little rivulet I found a Leptodactylus sitting in the water and in the open. I collected it and an Eleutherodactylus, the only specimens for the whole day. I then tried to get people to collect with me at San Jeronimo, but the few people around refused. So I drove up to Colonia Belgium at 1650 m. I found a few people who were not interested in collecting, so I began to collect the areas I found to be good last August. It is incredibly dry here now. I broke open logs, bananas, peeled bananas, turned rocks - finding no herps. Finally I hiked about 3000 meters higher

Seib, R.
1978

Tapachula to Volcan Tacana, Chiapas, Mexico, and return

13 Dec

which took a couple of hours. I set the stage for tomorrow by lining up some birds to collect bromeliads with me. They are to meet me at Talquian between 10:00 - 11:00. I actually found very few reachable bromeliads. Hopefully those few will be a rich storehouse, as everywhere else is too dry this time of year. I left at 16:15 and drove down to Monte Perla, where I discovered that no one had booked for snakes. However, when I arrived, about 30 people immediately began searching. It's becoming clear that they won't look unless I'm actually present. There was nothing at San Jeronimo, either, so I returned to Tapachula.

Tapachula to Volcan Tacana, Chiapas, Mexico, and return

14 Dec

I woke up early and drove straight up to Colonia Talquian, about 1630m. There was no one there to meet me, so I began to hike up to the cloud forest alone. I followed the foot road to Guatemala that Ted and I had taken in August. Then, several hundred people passed us on the trail. Today I worked all day and only about 5 people passed in the late afternoon. I used a longer bromeliad cutter than Ted and I had in August and was able to open more than 100 plants, mostly small

Seib, R.
1978

Tapachula to Volcan Tacana, Chiapas, Mexico, and return

14 Dec

ones. At the base of the cloud forest I found 4 salamanders. I believe the three babies are B. ingehardti, but I'm unsure about the adult, which is larger and blacker than the ingehardti I have seen. This was 1840m elevation. I opened bromeliads continuously on the hike up, but found nothing more until 1930m, where a huge bromeliad contained an adult B. franklini. The animal is black with blue-gray spots spread evenly over its dorsum. At 2050m I found a Eleutherodactylus in a tiny bromeliad and that was it for the day. I hiked up to 2180m, well up where I felt and I had reach. There were countless bromeliads, large and small. I opened about 30, then left and returned. At Colonia Talquian people were picknicking as they often do there. I drank a coke and they insisted I have something to eat. I tried to refuse and attempted to drive off, but someone gave me a tortilla (3 corn tortillas wraped around carrots, potatoes and some beef). I stoped and ate it, glad this wasn't the lowlands. Stoped at Finca Monte Perla at 15:00 and worked for 2½ hours. A large group and I worked two different areas, find only a baby Ingutodes under a log, and a N. sebae under leaves. Back near the finca house there were four other snakes waiting

Seib, R.
1978

Tapachula to Volcan Tacaná, Chiapas, México, and return

14 Dec for me. I must be due to the degrees that we find so little.

Tapachula to El Triunto, Chiapas, México, and return

15 Dec I drove NNW along the coast road to Escuintla (past Huixtla) and turned east on a dirt road. Elevation at this jct. is 150m. At El Triunto itself, I could find no good collecting site - the bananas there are not the red ones, and therefore, difficult to peel. So I drove about two km West, back towards the coast, where I had seen some elephant ears. I spent about 1/2 hour peeling these and only found B. occidentalis juvenile which escaped into the root system of the plant. I met three men, 18-19 yrs old, who were hunting birds to eat. They invited me to look with them for salamanders. We walked on a trail down to a creek and finally found some "red" bananas. The first leaf I pulled had an adult occidentalis, but no other salamanders were found. Then one of them pointed out an adult forest anole, very large, like a petersi. It was unwary and I easily grabbed it. The area was more of a natural forest than I've seen in the Pacific lowlands of Chiapas. Many large trees with buttresses. The anoles were especially common on these buttresses. We spent a few hours walking from area to area like this, and I eventually caught 12 anoles, a good series. We turned lots of logs and opened them, finding nothing. Under the bark I one stump I was surprised to find an adult Lepidophyma. We found an open bouldery field with Ctenosaura, and they shot one for

Seib, R.
1978

Tapachula to El Triunfo, Chiapas, México, and return

15 Dec

me. After a while, we walk to a "cafetal", as they called. It was unlike any I have seen. The elevation is 370 m. It was like a thinned out forest, and boulder-y, with a coffee tree here and there, widely spaced. They found an orange tree and we ate our fill. I only found two anoles here, even though there was a good deal of suitable habitat, trunks, logs, rocks, leaves, bananas. I decided to leave, then. One of the men shot a tanager, thinking I would like it. I explained why I wouldn't take it, but photographed it. One of the most interesting aspects of this area was the abundance of insects and spiders which exceeds that of any place I've been in the wet season! There were many kinds I've never seen, including giant - inch-long - yellow ants, and colonies of bizzare spiders. Insects were just everywhere. I left this area because I wanted to reach La Esperanza before dark to find a good place to lantern-walk for Bolitoglossa flaviventris. Unfortunately, half-way out the dirt road from Acoyagua, there was a giant, deep, muddy pond. This prevented my passage w/out a tow, so I turned back to Tapachula, arriving 14:00. The day was incredibly clear - not a cloud anywhere, and I took photographs of Cerro Ovando which is very near El Triunfo. I could still see Tacaná and Tajamulco at the day's end.

Tapachula, Chiapas, México

16 Dec

Today I didn't go collecting. I photographed many of the animals and preserved most of the liver med. Finished making tags for all the rest.

Seib, R.
1978

Tapachula, Chiapas, México

16 Dec — The animals that are now alive are the two Tropidodipsas from Monte Perla, three of the forest anoles, the Lepidophyma, and the five salamanders from Tacaná. Clear enough to see the volcanoes at dusk.

Tapachula to Volcan Tacaná, Chiapas, México, and return

17 Dec — I got up early and drove up to Colonia Talquian on Tacaná right away. It was a very clear day, to extremely hot at high altitude. This is the first time I've been there on a clear day and I could see the volcano above me from 1630 – 2100 meters. From 2180 I could see all of the lowlands to the east, and along the towns and finca the road passes, except as far as Cacahatan which is to the north around the base of the mountain. At 2190 m and especially higher, the road has swung along to the southeast side of the volcano. I climbed as high as 2250 today which is well past where I was on the 14th. The people say that from here it is 8 hrs on foot the the cerro. Further along this road there is supposed to be a fork, the left part leading to Tacaná, the right to a place called Similon in Guatemala. Guatemala is only separated from Mexico by a river in the lowlands. It appears as a narrow gorge dissecting a plateau from my vantage. But at high altitude Guatemala is best hundred or

Seib, R.
1978

Tapachula to Volcan Tacana, Chiapas, Mexico, and return.

17 Dec a few hundred meters away. The area here is incredibly rich with bromeliads, full of moisture. Many of them are a couple of feet wide. Today I opened probably 150 of these, but found no herps in any of them. I cannot understand this, since several days ago I at least found 6 animals. I heard Electrohyla calling, also. There are many hundreds of bromeliads left for someone to open. Perhaps most herps are elsewhere in the dry season, or higher up in the trees where I can't reach. I passed a couple of hundred Indians on the road today - maybe because it's Sunday. I hiked down to Colonia Talquian and then drove down to a point 3½ km below Union Juarez where I found an area full of "red" bananas to be peeled, and banana trunks to be turned. I worked for about 30 minutes, and, finding nothing, drove back to Tapachula at dusk.

Tapachula, Chiapas, Mexico

18 Dec I spent this Monday preparing for Lynch's arrival and our subsequent departure from Tapachula. Changed money. Went to Ardeli Rental Car Co and paid this week's bill - $3500.00 Got a letter to take the car into Guatemala and got Central American car insurance. What took the most time was

Seib, R.
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Tapachula, Chiapas, México

18 Dec condensing all my equipment so that two people could fit into the wolkswagen bug. I ~~wash~~ washed out all the preserving trays and round trays and jar lids, so all could be packed away. All preserved animals are in one bucket. Also washed my shirts, which are drying. The day was heavily overcast.

Tapachula to Escuintla, Chiapas, México

19 Dec Through good fortune, Jim Lynch's plane arrived on time at 9:00 this morning. We decided to head straight for the Cerro Ovando area to the NW and drove through Escuintla to Acapatahua where Sami David lives. He is 68 years old, Lebanese, and owner of Finca Las Nubes on Cerro Ovando. We met him at 13:00 in his office and made arrangements to take horses up the mountain tomorrow morning. He treated us to lunch, then we took a room at Hotel Toledo in Escuintal — $250.00 w/o air conditioning. It was early so we drove out to Finca La Esperanza and collected all afternoon. There was actually very little to be found in the way of herps. We caught B. occidentalis (3) in a banana patch, E. rugulosis and E. rhodopsis, anoles and some fish (Carrassidie, Ciprinodontidae). Among the birds were Ani's, Cattle Egrets, Magpie Jays, ground doves, Scissor Tail flycatcher and others. Some memorable ants were the large yellow carpenter ants,

Stib, R.
1978

Tapachula to Escuintla, Chiapas, México

19 Dec Campenotes, the Camponotus ants, Pseudomyrmex, another type like the acacia ants which inhabit Cecropia are Azteca. We lantern walked from 18:30 - 20:00. Jim soon found a Hyla (small, smithi-type) on the leaf of Heliconia, a tall broad-leaved plant which is common in the area. The flower is a bird-of-paradise. These leaves are favorite sleeping sites for anoles and Basiliscos. This is the area where Smith found 76 B. litoglossa flaviventris on Heliconia leaves, so we ~~ex~~examined them carefully. I found one B. flaviventris on scruffy vegetation next to a Heliconia leaf, 10 minutes through the walk. Within two feet of it were also two B. occidentalis on Heliconia. We could find no other flaviventris even though we caught 8 occidentalis, all on Heliconia. Total catch for the day:

1 Bolitoglossa flaviventris
11 B. occidentalis
8 Eleutherodactylus (2 species)
1 Hyla
1 Scincella
2 Basiliscus
12 Anolis (11 of peters: group)
1 Coniophanes fissidens (under log)
6 Carrassidae, Cyprinodontidae

We arrived back Escuintla and ate, then preserved all the animals except the B. flaviventris. Went to bed 23:30.

Seib, R.
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Escuintla to Finca Las Nubes, Cerro Ovando, Chiapas, México

20 Dec

We rose at 7:00 to meet Sami David at his house in Acapetahua at 8:00. We gathered some food, left our animals at his house, and he treated us to breakfast in Escuintla to "Restaurant Dorita." We drove out to just past La Esperanza (6 km from paved road at Acocoyagua) with one of his workers. We were given two horses and the guide walked behind, whipping them up the mountain. We began at 11:00 at elev. 200m, ending up at elev 940m at 14:30, a 3½ hour trip. Anolis and Ameiva were common all the way up. When we arrived we recieved a fair greeting from the Administrator and he showed us where we could sleep - just on coffee sacks in the coffee storeroom. It was to late to hike up to the cerro to look for Chiropterotriton ~~orandocensis~~ xolocalcae and B. nigroflavescens. The wife cooked us a good meal of poached eggs, beans, rice and tortillas. Then it rained for ½ hour and Jim and I poked about. There are lots of elephant ear plants, but I could find no amphibians within the axils. Some anuran tadpoles are in the swift-flowing stream here. Although the elevation is only 940m, the mountain rises abruptly from the lowlands and is quite steep. When the clouds cover, it is cool and comfortable here. Our guide took our horses back down the mountain and said he would send someone next day to carry our gear down with us.

Seib, R.
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Finca Las Nubes to Arriega, Chiapas, México

31 Dec Last night ranks among one the worst nights I've ever spent, anywhere. It got dark at 18:30 and we went into the bodega wher we were to sleep. It turned out that the administrator, his wife and eleven kids, and a grandfather also slept there. They move the chickens out at night. We slept on cots, mine urine-soaked, in our clothes without blankets. It was quite cold by 4:00 A.M and my fingers and toes were numb. 4:00 is when the roosters under the bodega began, but the baby with the 3-month cough never stopped all night. The rest of the kids slept on top of sacks of coffee, apparently used to the cold. We were up by 6:15, had breakfast, and began the hike by 7:00. We walked up the ridge which is most Northwest, through cut over and secondary forest, then cafetal. We eventully reach pine forest, then at about 1650 m we got to a good flat area with bromeliads. (The first one appeard at 1440 m.) Jim worked the lower area and I went higher. First I found a Hyla in a very large bromeliad at 1650. The guide and I had to cut our own trail after 1700 m where all bromeliads had dropped out. Finally, at 1820 we found an area with thoesands of them. I opened about 200 and found 31 Chiropterotriton xolocalae. They were only in the largest of plants and I had to climb some trees to get the large ones. The most salamanders in a plant was five. Many of them were right in the core. When I found Jim lower, he had gotten a Leptodeira under bark, and 4 Chirops and a D. nigrofluvescens from 1650-1680 m.

Seib, R.
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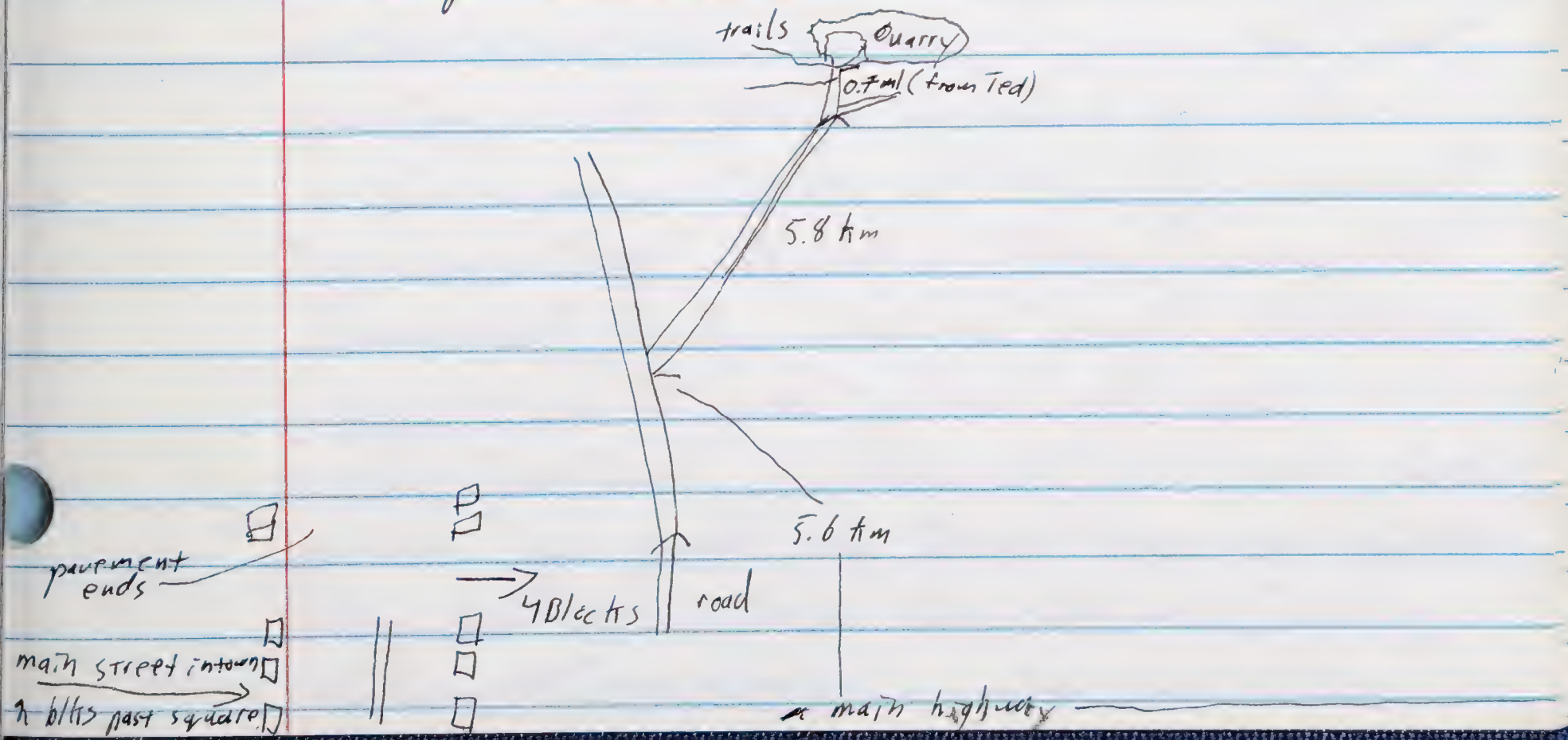
Finca Las Nubes to Arriaga, Chiapas, México

21 Dec By the time we reached the Finca, it was nearly 15:00, an 8 hour trip. We packed and walked down the mountain to our car, arriving 17:00. Said good-bay to Sami David, and drove to Arriaga, arriving 21:30. All hotels at Tuxtla full. Stay at Hotel Colon ±130.00 / 2 persons w/ ventilator. Various species of army ants, Navemyrmex, present on Cerro Ovand at most elevations.

Arriaga to Tuxtla Gutiérrez, Chiapas, México

22 Dec We woke up tired and late and drove to Tuxtla, not so far, but a slow road. The motels Palace Inn and Bonampak were full, so we checked into the Hotel Posada del Rey, 250 pesos a day for two - car is 20 pesos extra and 3 blocks away. At 17:30 headed off to Berriozabal. We had Ted's map which showed a road zig-zagging through town, then eventually, leading to a quarry. We zig-zagged wrongly and lost an hour on the the wrong road. Correct is as follows



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Arriaga to Tuxtla Gutierrez, Chiapas, México

22 Dec We found the correct road by driving back to the Pemex station on the highway and asking directions to La Pera. The place is now called Finca El Cajiro. We got nearly to the last turnoff through thick low fog and bad, muddy road, when we were stopped by a bad wet-mud area. We lit the lanterns and walked the last 0.7 mi to the quarry. Immediately I could see that everything had been cut over near the quarry since my visit in the summer of 1976. We found a couple of trails and some trees with buttresses, but the area is highly disturbed and planted to coffee and some bananas. We found no specimens.

Tuxtla Gutierrez to Tapiluta, Chiapas, México, and return

23 Dec We set the alarm for 7:00 and drove out towards San Cristobal on hwy 140, turning North on hwy 195. This road travels over cut over pine and oak forest to Jitotol and soon drops over a pass in the crest leading to the Atlantic lowlands. We drove as far down as Tapiluta at 870 m. (Log on reverse.) We first collected the crest at 1920 m, opening 25 bromeliads, finding worms and carabid beetles, no Chiropterotriton. Drove to Tapiluta where there is a tiny hotel and a gas station w/o gas. Country badly cut over - just bench grass. Turned back and collected along road before crest in cloud forest area. Found an enormous Eleutherodactylus, a weird Bufo, a Ninia

	Jct 190/195	574.5 km	
	Jitotol	645.2	1650 m
Ninia diademata (1.8 km)	Sta. 1 (Pine Parkland)	647.0	1650
	Return Jitotol	648.0	1650
	Crest at Cld. frst.	676.7	1920
	Tapiluta	700.5	870
Eleutherodactylus Bufo & Barisia, 5 Geophis Ninia diademata (34.6)	Canyon Sta. 2	717.8	1650
2 Barisia (31.9)	Sta 3 (Quarry)	720.5	1730
(6.4 km)	Pituophis	746.0	1650
	Jitotol	752.4	1650

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Tuxtla Gutierrez to Tapiluta, Chiapas, México, and return

23 Dec diademata, 5 smooth scaled Geophis, ~~of~~ 6 Barisia. Found a DOR Pituophis deppei just before Pitotol at dusk. Drove back to Tuxtla, arriving 20:30.

Tuxtla Gutierrez to Chicoasen, Chiapas, México, and return

24 Dec An uneventfull day. We just drove out to Chicoasen on the paved road. They are building a dam there. Very arid. Turned back to Tuxtla.

Tuxtla Gutierrez to San Cristobal las Casas, Chiapas, México

25 Dec Also an uneventfull day. After driving to San ~~Cr~~ Cristobal and getting a room at the Hotel Posada El Cid on the main hwy - $300.00/2 pers., we collected all afternoon, each finding one B. hartwegi, no B. reylendens

San Cristobal ~~Tuxtla Gutierrez~~ to Comitan, Chiapas, México

26 Dec Jim has been sick for 2 days, but today is worse, so he went to the hospital in San Cristobal. A doctor examined him and told ~~he~~ us that amoebas were making noises in his stomach, and he prescribed an antibiotic and maalox. We collected on the east side of San Cristobal for an hour and a half in Parkland Pine forest, but found no herps. This is near the Grutas de San Cristobal where Ted and I collected in August. Jim was feeling very sick after this, so we drove straight to Comitan where he went directly to bed.

Seib, R.

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27 Dec

~~San Cristobal~~ Comitan to Quetzaltenango, Quetzaltenango, Guatemala

I had set the alarm for 7:00 and got up early to make the long, long drive to Amparo Agua Tinta in the Atlantic lowlands. This is a new locality in relatively undisturbed cloud forest, 7-40m, where I collected 62 moths in a coffee plot during August of this year. I drove out to Laguna Montebello and proceeded on this road (20 pesos toll) past all the lakes and into the lowlands. The road is incredibly bad now. I got to within 10 km of the locality where the road became impassible. A pickup truck in front of me was stuck for 30 minutes, dug free, then got stuck again a little further along. The country around this area has all been cut over, leaving it to pasture and secondary growth. I turned left and promptly got stuck. The bar in front which connects both tires and controls steering had fallen out and I managed to fit it back into the sleeve. Farther along I broke the left front shock. I managed to make it to the paved road, and returned to Comitan after 6 hrs of driving. Jim was feeling better, so we decided to cross the border. No problem with the animals as there was really no inspec-

Seib, R.
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Comitan to Quetzaltenango, Quetzaltenango, Guatemala

27 Dec tion. But I think I had to pay an extra 3.00 dollars into me person's pocket. Total cost to cross was $9.00 U.S. Guatemala appears much cleaner and overall is quite a pleasant place, compared with Chiapas, Mejico. We drove to Quetzaltenango 14:30 and took a room at Hotel del Campo - $12.00 U.S. for two, hot water, and very nice. Meals expensive.

Quetzaltenango to San Marcos, San Marcos, Guatemala

28 Dec This morning we had the car repaired at a cost of $14.50, then drove to Hotel Perez at San Marcos, arriving 12:00. Chatted with Rheuben and his family for a while, then had lunch. Accomodations are $7.00 per person each day, including 3 meals. We may the only patrons at this time. Rheuben says business is very bad now. After lunch we changed money at the bank in preparation for Feira Santa Julia. Jim rested and wrote and I went to the market. Today is Thursday and market day. The market was quite crowded and full of all imaginable wares, especially food, live chickens and pigs. I bought a blanket and will use it in the highlands here, where there are never enough blankets in the room.

Seib, R.
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San Marcos to Finca Santa Julia, San Marcos, Guatemala, and return

29 Dec We set the alarm for 6:45, but didn't get going until 8:30. Very clear and crisp day - quite brisk. Arrived at Santa Julia 10:10. Almost no one around, except women, who never look for animals. This is my first time here in the dry season. All the boys and men are either picking coffee or drying it. By 12:30 we had 5 snakes, all Geophis nasalis, and 4 Dermophis. It is dry here though not quite as dry as San Jeronimo. I collected earthworms and preserved them. I killed them in 1/2/1/2 solution of 70% ethanol and strong chlorotone - they died in about 30 seconds. The worms were rarely on the surface under boards and rocks, although they were common this way last August. Now they are common just below the surface in shaded areas. There is very little mud around for the Dermophis, and the few that were found were cooler in dry soil, just damp to the touch. One worker said there are few animals around because it hasn't for over 2 weeks. By 16:00 we had 30 snakes, mostly Geophis, and nearly as many Dermophis. I began to pay .10 for each snake instead of .05 to encourage more collecting, and this seems to have worked. We're trying to stay down here until about 17:00 - 17:30 because we want to arrive at a stream

Seib, R.
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San Marcos to Finca Santa Julia, San Marcos, Guatemala, and return

29 Dec higher up on the road at 1690m when it's dark to eye-shine for a large species of Eleutherodactylus. Animals stopped trickling in about 45 minutes ago. At 17:30 the total count of the day is:

5 Bolitoglossa occidentalis
1 Eleutherodactylus
22 Dermophis mexicana
1 Scincella
9 Adelphicos quadrivirgatus
1 Coniophanes fissidens
20 Geophis nasalis
1 Pliocercus elapoides

Up at 1640m. at the stream there were lots of Electrohyla calling. I only found one, however, calling from the middle of the stream in the water. Also caught two small, unique Eleutherodactyles in the water. Glowing beetles were crawling about here. Arrived San Marcos 19:45 and had another thrilling meal of potatoes and egg with rolls.

San Marcos, San Marcos, Guatemala

30 Dec Last night on the dirt road we hit a rock and sheared off one of the motor-mount bolts. We spent all of today repairing the car.

Seib, R.
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31 Dec

San Marcos to Finca Santa Julia, San Marcos, Guatemala, and return

Left hotel at 8:00 and arrived finca by 10:00, taking the road much slower. Already clouds by this time. So far, very few people around. Jim and I decided to raise prices in an effort to encourage more collecting. We're offering $.15 for small snakes and $.05 for B. occidentalis. As an added incentive, Jim paying $1.00 for all coral-colored snakes. The foreman took me to his house and showed me the skin of a large snake he had recently killed here. It lacked head and tail, 5' long, skin 4-5 inches wide, probably embelled, 17 scale rows diminishing to 13, Dark vertebral stripe. He said it wasn't a black snake, but light brown, and was found in the water in some brush. By 10:45 one person brought in 3 Bolitoglossa and a small Geophis. It never quite picked up today:

3 Adelphicos quadrivirgatus
1 Coniophanes fissidens
1 Drymobius chloroticus
12 Geophis nasalis
1 Leptodeira septemtrionalis
4 Ninia sebae
1 Pliocercus elapoides
1 Rhadinaea hannsteini
7 Dermophis mexicana
9 Bolitoglossa occidentalis
1 Eleutherodactylus rhodopsis

Seib, R.

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San Marcos to Finca Santa Julia, San Marcos, Guatemala, and return

31 Dec

3 Eleutherodactylus rugulosis
1 Anolis
1 Ameiva

& kept alive 2 Adelphicos, 1 Coniophanes, 3 Geophis, 4 Ninia, and 1 Pliocercus.

San Marcos to 15.5W (by Ruta 1) San Marcos, Guatemala, and return

1 Jan

We drove down the main transect road to collect some pure B. franklini. Initially, we searched along the road and opened 20-25 large bromeliads in a field near Rhuebeis finca. Found nothing. Finally drove down to elevation 2100m where we walked off into secondary forest with some large oak trees left. Searched about 6 hours and found:

1 Bolitoglossa flavimembris (in log)
4 Bolitoglossa franklini (bromeliads)
27 Bolitoglossa ingelhardti "
1 Rhadinaea lachrymans (bark of stump)

Then drove up to elevation 2450 where the "niño people" live. They had

2 Bolitoglossa flavimembris
4 Bolitoglossa franklini
35 Pseudoeurycea brunnata
9 Pseudoeurycea goebeli.

Stib, R.

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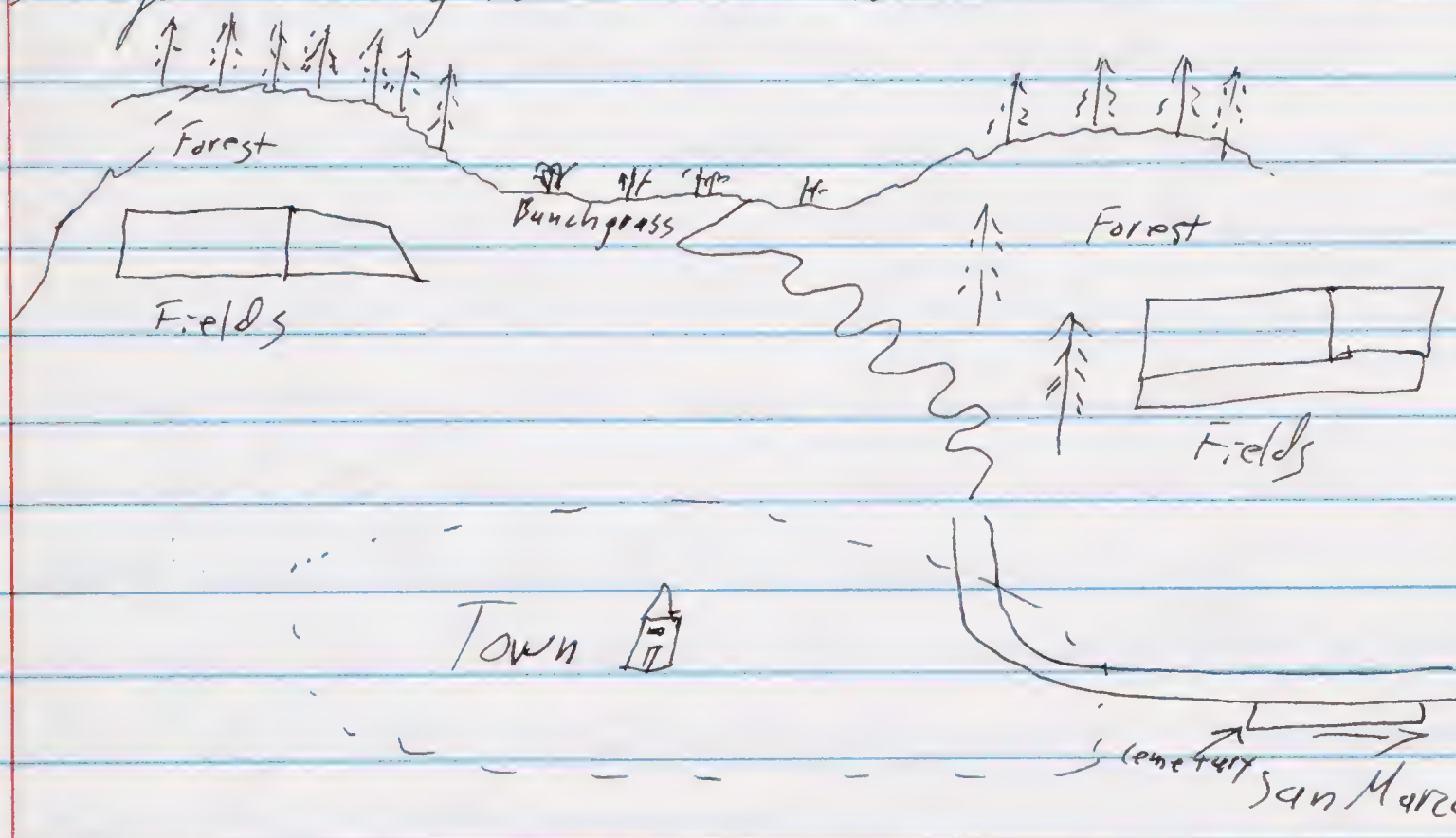
2 Jan

San Marcos to ridge above El Rincon, San Marcos, Guatemala, and return

Extremely windy today, so the electricity had been turned off to prevent fires from live wires. We drove up to Rincon, parked, and hiked up to the saddle between two humps on the ridge. A dusty trail leads there.



On the walk up to ridge, the dry wind was desiccating and there seemed to be no moisture on the slope which included some pines and cypress, but mostly secondary brush. At the summit, though, the bunchgrass had wet soil. We found a very cold Thamnophis (equis?) under a log there. Our first specimen and only snake of the day. Next, I found a huge and beautiful ♀ Boitoglossa rostrata curled around her clutch of eggs, one of four such findings today. She was under a log and in a depression she must have dug which exactly fit her and the

Seib, R.
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7 Jan

San Marcos to ridge above El Rincon, San Marcos, Guatemala, and return eggs. Our main purpose was to collect a live series of a Pseudeurycea which looks like rex, but is quite large. We found 12 of these, half in bromeliads, the rest in stumps, logs, or under rocks. In all such situations Bolitoglossa rostrata is the dominant animal. We collected about 70 of these and 2 P. goebeli and a P. brunneata. The large Pseudeurycea is probably rex. It is found in association with a large B. rostrata and seems to occupy the same basic habitat of most of its range - pine forest, in logs, under bark, etc. The forest of the area is mainly secondary and there are few remarkable bromeliads left. We grend out 20, finding 10+ salamanders. (Heard a Plectrohyla calling). Silky flycatchers and a variety of hummingbirds were the dominant birds today. A terrific pacific wind served to create a cloud buildup before our eyes. There were rapid convection cells evidenced by churning wisps of vapor. Jim and I returned and took care of the animals. Went to a movie which was so bad we left. Then got unbelievably drunk in San Pedro and staggered back at the hotel at midnight, on foot!

Seib, R.
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3 Jan

San Marcos to Tapachula, Chiapas, México

Woke up incredibly sick. Jim caught a 9:00 bus for boat city and I took a taxi to San Pedro to find the car. Left Hotel Perez 11:00 and headed for the road road which goes by Volcan Chicabal and down to the coast highway of Pacific Lowland Guatemala. Arrived border 15:30 and took nearly an hour of inefficiency just to leave the country. It also cost $7.00!!! to enter Mexico with nothing. I was detained at the border because of the live animals. It seems I had even though I have the proper permits for both countries, I have transported the animals back and forth - out of and into Mexico. This is "importation," they say, and I should have had import and export permits for the crossing I've already done. This displeases the officials here. An hour was spent waiting while no one did anything. Then, they just told me to leave. Drove into town, 37 km from Tecun Uman - Cd. Hidalgo. Spent the afternoon relaxing on the grounds of Hotel Kamico, watching grackels, hummingbirds, doves, flycatchers and other birds. Basilisks and ameivas foraged and bobbed. At dusk, bats came out, followed by house gechos, Hemidactylus, and Gonatodes retreated for the evenings

Seib, R.
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Tapachula, Chiapas, Mexico

4 Jan

This day was long, preparing for my flight home tomorrow. Among general preparations I learned that my Aero Mexico flight had already been cancelled. In Tapachula there was no indication that I had already reconfirmed my flight on my arrival to Mexico City. I am having quart and gallon jars of water frozen today. I'll take two quarts of ice in my handbag with the salamanders, leaving the rest of the less delicate animals in the ice chest with just a gallon of ice. That wind of yesterday and the previous one has now passed and it was clear in Tapachula all day. Yesterday was cloudy until dark. I believed it must have rained during the night of the second as I discovered a dead Hemiphlis on the road in lowland Guatemala yesterday.

R. L. Seib
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MEXICO AND GUATEMALA

Journal

1979 Mexico: Chiapas, Baja California Sur
and Guatemala: San Marcos

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1979

Berkeley to Tapachula, Chiapas, México

22, 23 March Thursday evening after our last finals a zoology student, Peter Thule, and I were driven to S. F. airport to catch a night flight to Mexico D. F. This arrived 5:30, 23 March, local time. At 9:35 we caught another flight to Tapachula, via, Villahermosa & Tuxtla Gutierrez. We we tired and hungry on our arrival at the airport Friday afternoon at 12:30. Our VW bug was ready for us, but the baggage didn't arrive for 45 minutes, so the banks closed and I couldn't get change. Although we were tired, we drove straight out to Finca San Jeronimo, elev 760 m. I was very anxious to get any snakes that could be found, since I had such poor luck last December. I offered 10 pesos per snake (doubled rate) and 20 pesos for any coral-colored snake. So I had about half a dozen people and Peter and I working from 14:30 to 17:00. Altogether we caught 40 snakes!! They say it had rained about 5 days ago, briefly. Before that, a long time since rain. The ground under leaves was usually damp at the base of a large boulder or tree. I found two baby Ninia sebae under a dead piece of trunk; the only other snake I found was an adult Coniophanes fissidens

Seib, R.
1979

Berkeley to Tapachula, Chiapas, Mexico

22, 23 March

under leaves in not-a-special situation. I almost didn't notice it at all, but it's movement caught my attention. Few juvenile snakes were caught today, I believe, due to the difficulty in seeing through the heavy leaf litter. This is piled in many places, making a mat 6 or more inches thick, but where not matted was usually just a few inches high. Peter caught 5 snakes, 3 Coniophanes fissidens and two Ninia sebae. 2 of the former were not under leaves: 1 under a log 1' diameter, 8' in length; 1 in a rotten stump the up-rooted. It was next to one man who caught 6 snakes and saw another large coral snake, all just under leaves. This is in marked contrast to December collecting where everything is inside stips or under rocks. We caught a rare snake which I've never seen on the Pacific coast, Scaphiodontophis, the only snake brought in dead! The most abundant herp is Eleutherodactylus rhodopsis, as always. We left, saying we would return the next day at 14:00. I spent a total of 4¾ person here. Peter and I worked until 22:00, weighing, measuring, tagging, preserving. Then ate dinner, then crashed.

Seib, R.
1979

Tapachula to Union Juarez road, and return, Chiapas, México

24 March Woke up about 10:00. Wrote journal and ate until 11:00. Then I went into town to get ice and a statement from Ardeli to take the car ~~from~~ Mexico to Guat. Got ice and food for our trip to Guatemala. Drove out to Finca San Jeronimo about 14:00 and several people ran up to us with bags of snakes! I bought 35 snakes, including a Micrurus, three Pliocercus, a huge Tropidodipsas (gravid), several gravid Ninia sebea, 2 Rhadinaea posadasi and others. Interesting that the two gravid species were also gravid in December and laid eggs in the lab in January. We bought the snakes and drove up to Finca Monte Perla, elev. 960 m. Several people began collecting with us (at 5 pesos/snake; 20/coral) and three small snakes were soon caught. But then it began to pour - everyone sought refuge, except for Peter and I who kept collecting and became immediately soaked. In an hour's time we each caught only one snake: Peter, a N. diademata coiled under leaves; I, an inactive Adelphicos quadrivirgatus in shed, under the edge of a rock. It was still raining lightly. We walked back to the Finca house and bought the snakes (someone had also found a Drymobius by now) and asked them to collect snakes the next morning.

Seib, R.
1979

Tapachula to Union Juarez road, and return, Chiapas, México

24 March

They showed mild interest, so we thanked them and left. First, we drove up to Union Juarez just to see if the rain had brought out and snakes, but we saw nothing! We drove back to San Jeronimo and it was still raining, 17:45 now, and almost dark. People here had about 20 more snakes. We drove home and preserved snakes until 22:30, then had dinner at an outdoor restaurant called La Terraza on the town square.

Tapachula to Union Juarez road, and return, Chiapas, México

25 March

It's Sunday and we're not quite sure how many people will hunt and how many will just get drunk. We drove out early to San Jeronimo arriving before 10:00. Gathered a small crew of 5 persons, and went to the same general area as on the 23rd. It's ¼km up the road from the finca house, across the bridge, and then into the coffee, up along the river. It took about 10 minutes for the first snake to be found, and then I found a baby Geophis nasalis under coffee leaves on the ground. Soon, other snakes were found, and Pliocercus seemed to be rather common. 5 were caught today on this finca. Someone scared up a Drymobius margaritiferus from under leaves, and I chased it down and grabbed

Seib, R.
1979

25 March

Tapachula to Union Juarez road, and return, Chiapas, Mexico

it. The only other snake I caught was a Ninia sebea hatchling under leaves at the base of a large rock. At about 13:30 we left and drove halfway to ~~San Jeronimo~~ Monte Perla where we stopped to ~~kill the snakes and put them on ice~~. At Monte Perla, a young kid ran up to our car with a bag of 16 small snakes, none coral colored. I was grateful and paid him. He had collected them in the area below to below the houses where we were the previous day. We walked down to the eating area to find people to work, and one man indeed had a Micrurus latifasciata in a plastic bag, a very garish and "nervous" snake. I bought this and left it in the car, wanting to bring it back alive. As we walked to the road and collected above it on a more or less 25-35° slope. On a 35° part of the hill, Peter encountered a baby Pliocercus under leaves. I found nothing. Slowly, about 10 snakes dribbled in. One man caught a juvenile Celia celia down in a really sebampy area. It had an immaculate venter, black tail and head, orange neck band, and inch-long black band behind the latter, a red body, with a black fleck on each scale. Total length: 570 mm. We drove back to San

Seib, R.
1979

Tapachula to Union Juarez road, and return, Chiapas, México

25 March

Jeronimo about 17:30 and people again had snakes for us. We quickly bought them and found one to be yet a second Scaphiodontophis, again, the only snake brought to us dead! Drove home and worked until 23:00 when we decided we were too tired to eat dinner, so we each had two beers and fell asleep.

Tapachula to San Rafael Pie de la Cuesta, San Marcos, Guatemala

26 March

Got up at 6:30 and prepared to leave México. Spent some time tagging snakes, packing (left all the animals at the hotel for an easy border check) and buying formalin, gloves and ice. Got gas and drove to the Talisman border, arriving 9:45. Finished crossing by 11:15 at a cost of $9.50 U.S. Changed money ($100.00) at the bank there, and drove thru Malacatan to San Rafael Pie de la Cuesta, arriving 13:30. We went to the Chinaman's store and made sure we could have a room there, $4.00/night. Clean rooms with a bathroom. Comfortable and not bad at all. Drove out to Santa Julia and put in a request for Dermophis y culebras bateadoras. Actually, it was a very strange trip because snakes were generally abundant, but almost all were Geophis nasalis. I don't know if it's due to the season, or to the new style of coffee. They tell me that nearly the entire finca

Seib, R.
1979

Tapachula to San Rafael Pie de la Cuesta, San Marcos, Guatemala

26 March — has been cut over to plant the new coffee without shade trees and with use of herbicide and insecticide. From my wandering about the hills during this visit, I find them unusually reasonable. We pickled, weighed, etc until 20:00, the last 1½ hrs by lantern. Went back to our room to crash. I discovered I had a fungal infection on my feet and felt miserable, but managed to fall asleep.

San Rafael Pie de la Cuesta, San Marcos, Guatemala

27 March — Woke up bright and early. In fact, several cocks woke us up at 23:00, and again at 4:00 and finally at 6:00. The bugle player in the square finally got tired, or passed out, by 10:00. Went straight out to Santa Julia. Had only gotten 13 Dermophis the previous day at 25 cents (We paid 10 cents for snakes), so today I offered half a Quetzal each for all Dermophis. We ended up with a total of 54, 50 being the work of Marvalee Wake. Also got mod snakes. I was walking along a trail for about 2 hours, urging people to dig for Dermophis for my wanderings, & found a Geophis nasalis stretching half out of a hole. We finished preserving by dark, but stuck around until 19:30 just talking with people, feeling tired and

Seib, R.
1979

27 March — San Rafael Pie de la Cuesta, San Marcos, Guatemala

mellow. Our total catch follows:

23 Adelphicos quadrivirgatus
5 Coniophanes fissidens
2 Drymobius chloroticus
2 Geophis cancellatus
283 Geophis nasalis
7 Ninia diademata
6 Ninia sebea
1 Pliocercus elapoides
9 Rhadinaea hannsteini
282 Scincella
2 Bolitoglossa occidentalis
10 Bufo spp.
10 Eleutherodactylus spp.
59 Hermaphis mexicana

San Rafael Pie de la Cuesta to Tapachula, Chiapas, México

28 March — In the morning before leaving I bought two snakes which had been placed in isopropyl. They supposedly came from somewhere just below Palo Gordo on Ruta Nacional #1. One is a Coniophanes fissidens, the other a Bothrops (called Surquate). They say the Bothrops are quite common up there when they clear land. We drove rapidly down to the main highway and turned south-west there, going all the way to the

Seib, R.
1979

San Rafael Pie de la Cuesta to Tapachula, Chiapas, México

28 March Tecun Uman border crossing with which I'm very familiar. Hid all the live animals in a sack and they didn't bother to look at the preserved material, so the animals were never discovered. They took away the oranges we had bought in Tapachula! Fastest crossing ever, less than 30 minutes. Cost $9.00 to leave Guatemala. Drove to hotel and relaxed by pool for 2 hours, first rest of the trip, and greatly needed. Then we tagged, sorted, and catalouged specimens. Finally went out collecting about 16:00. Drove Northwest past Escuintla 3 km, then approx. 5 km NNE on a dirt road to area around Finca La Esperanza. Day-collected large tree anoles, found a snake under a log (Ninia diademata), two Bolitoglossa in a small banana patch. Lantern walking, we found 3 more Bolitoglossa occidentalis on dry Heliconia leaves, along with about a dozen Anolis. Also found four Basiliscus on branches and leaves. We had with us a friend we met at the hotel. She is Andrea, from ~~Ger~~ Austria, spending a year here (since October last). She has good eyes and found a lot at night. On the drive back we noticed it has rained and the road was still wet. The rain brought

Seib, R.

1978

San Rafael Pie de la Cuesta to Tapachula, Chiapas, México

28 March

out two large (3-4 yeold) Boas which we collected. Log on Back. Arrived home after 20:00. Too tired to eat. Philosophized, then crashed.

Tapachula to Union Juarez road, and return, Chiapas, México

29 March

I got up 6:30 and wrote journal until 9:40. Peter woke up later and we had breakfast. Spent another hour pickling last night's material. Then cashed another fifty dollar traveller's check and headed for the fincas. By the time I drove to the gas station at 11:00, we realized that it was a really hot day. We feel it was about 100°F. So we decided not to hit the fincas until 14:00. We drove to Puerto Madero and found the beach to be not too exciting, sort of grey, dirty and muggy. We did find some burrowing wasps digging in a hard sand bank. They land on sand and start shooting it out behind them, making a burrow, which usually collapses. Then they start again elsewhere. Drove out to San Jeronimo, arriving 13:30. Some people actually had snakes and had been anticipating us since last week. One plastic back contained a dead Scaphiodontophis, Ninia diademata, Coriophanes fissidens, and a live specimen of the latter; it also contained a regurgitated adult Scinella & E. rugulosus. The former has

km			
	50.5	Boa constrictor	DOR (saved)
	63.2	"	" (tossed)
	64.0	Huehuetan	
	90.7	Tapachula	

Seib, R.
1979

29 March

Tapachula to Union Juarez road, and return, Chiapas, México

not yet been found as a prey item in my specimens, so I wonder if it could be from the rare Scaphiodontophis. Several others also came in, along with a Lachymedusa dacnicolor. A live Micrurus was in a bag with a regurgetated Ocyophis nasalis. I kept alive the Micrurus and pickled the prey item. We went out collecting with a lot of people for several hours. Since three dead Scaphiodontophis had come in, I doubled the value to 40 pesos for a live one. Within an hour and a half someone came up to me while I was digging, and he had a live specimen! It rained for the hour before dark. We drove to Monte Perla to see what was up, but nothing was our answer. Stopped for a while to get more change from the locals, the hit San Jeronimo in a driving rain. We saw from the road about 30 people crammed into the doorway of a shack, waving us down, so we broke into the compound and up to the door, where they handed bag after bag of snake in through the window. Altogether there we about 90 snakes, another live Scaphiodontophis, Rhadinaea posadasi, a genus of snake I

Seib, R.
1979

Tapachula to Union Juarez road, and return, Chiapas, México

29 March fail to identify, a Dermophis, three Pliocercus, one of which just looks very different from all of the other Pliocercus we have, 4 more Micrurus nigrocinctus, and more. We drove home in the ~~rained~~ rain and worked until 21:45, then went to eat and have beer. Told stories 'till late in the night and finally slept.

Tapachula to Volcan Tacaná, Chiapas, México, and return

30 March We left Tapachula about 9:00 and drove straight up to Colonia Talquian (about 1650 m). Couldn't find anyone to go up with us as a guide, so we walked up alone. Stopped to talk with a man sitting at the level clearing at about 2150 m (a 45 minute fast walk). He told us that if we wanted to climb, we should leave the main trail and walk straight up the face of the mountain which was cleared of forest and had a trail much of the way. At about elev. 2500 m we cut over to right, or East, on a trail which took us into a forest of secondary growth. It was really hard to find bromeliads, at first. The cloud was so thick, we could barely see trees. It was quite wet on the ground and in the bromeliads, but people say it has only rained twice this month. We opened ~ 90 plants, but only a

Seib, R.
1979

30 March

Tapachula to Volcan Tacana, Chiapas, México, and return

Few were high quality plants. Some of the large plants were full of large, colorful vespid wasps which didn't fly, but walked, retiring over under leaves. In December the wasps immediately swarmed when the plant hit the ground. We found a total of 10 salamanders, Bolitoglossa franklini. In the largest bromeliad of all, the only plant isolated on a large oak, 3 meters off the ground, we found four salamanders. All the others came one to a plant. One Electrohyla sagorum jumped out of a small bromeliad and was caught. Most of the animals were adults and had quite a few medium sized beige spots forming lateral lines, more or less. We were filthy, wet and tired, so we walked back when we ran out of oak trees, arriving Tapachula 1600. Took a swim and slept until 1915. Ate dinner with Andres. I caught some Hemidactylus and then prepared for flight.

Seib, R
1979

Museum, Berkeley Campus

26 April

Today I write because two live snakes collected in January at Fines Santa Julia have now laid eggs, and I am processing them. One ♀ (Coniophanes fissidens laid 5 eggs which were found 9:30 A.M. 31 Jan 1979 beneath soil. They were not present on 29 Jan 1979. [One egg was laid 10 days previously, but collapsed.] The width and length of the 5 eggs are:

1) 23.2 mm × 11.6 mm
2) 24.1 × 12.0
3) 22.4 } × 23.6 (two eggs combined w:l=h)
4) 23.2 } ~~× 23.6~~
5) 24.8 × 11.5

These were all found fully hatched out on 11 April 1979. (Only 4 hatched, one collapsed during incubation)

	wt	sv	tl
RLS 5734	1.4 gm	108	47
5735	1.3	104	43
5736	1.4	113	51
5737	1.5	112	57

On 13-14 Feb 1979 a ♀ Ninia sebae laid 6 eggs on bottom of aquarium under 4 inches super soil:

wt	wd	length	
1.5 gm	~~0~~ 10 mm	? mm	I only measured 4.
1.3	8	20	
1.0	9	17	
1.5	10	17	

Seib, R.
1979

Museum, Berkeley Campus

26 April These 6 eggs began to hatch 16:50 25 April. 5 had fully hatched by 15:00 26 April. The 6th one was poking its head out of a long slit in the shell of the egg. The whole opening was richly covered with a thick, mucosey material.

		wt	sv	tl
RLS	5738	0.7 gm	89 mm	28 mm
	5739	0.7	84	27
	5740	0.7	87	23
	5741	0.8	89	28
	5742	0.7	89	24

Seib, R.
1979

-14 June

Berkeley to Tapachula, Chiapas, México

Bob Maley and I flew out of SF airport Wed night on a Western Airlines night flight to Mexico City. Arrive 5:05 A.M. and barely had time to make our 7:00 connection to Tapachula. Arrived here at 9:05 and rented a car and organized at drove out to find San Jeronimo. Within 15 minutes we had a group of about 10 people and we walked down the road from the finca houses (west) to collect in a coffee plot on the right side (north). We collected about 2 hours. I personally caught a Ninia sebea, a Geophis nasalis, and a Conophanes fissidens under leaves. And I found one Bolitoglossa occidentalis under the bark of a stump. We walked back up to the houses and I bought all the snakes and put them on ice. There were:

2 Conophanes fissidens
2 Geophis nasalis
4 Ninia diademata
9 Ninia sebea
1 Micrurus nigrocinctus

At about 15:00 I had encouraged about 18 people to hunt in the usual plot above to houses and just past the bridge. This is where we usually find a lot of Sceloporus and Micrurus. All of us looked until about 17:00. I caught one Ninia sebea.

Seib, R.
1979

13-14 June

Berkeley to Tapachula, Chiapas, Mexico

Altogether, there were:

3 Adelphicos quadrivirgatus
9 Coniophanes fissidens
13 Geophis nasalis
6 Ninia diademata
33 Ninia sebae
7 Ptyocercus elapoides
2 Tantilla
3 Micrurus nigrocinctus

We drove home while it was still light and processed and preserved all of the animals, finishing at 24:45. It rained briefly off and on at the hotel and we heard thunder occasionally.

15 June

Tapachula to San Rafael Dos de la Cuesta, San Marcos, Guatemala

We arose late, at 10:30, ate breakfast and reorganized all our baggage to cross the border. I left all the preserved animals in the bodega to avoid hassels. Crossed smoothly and took the road through Malacatan. Crossings still cost $9.00 U.S. At the end of the Malacatan town road there was a roadblock because the road ahead is muddy. We decided to go through anyway since taking the long way would cost us days we don't have. We only got stuck once and eventually got out. It was quite treacherous for us and the car and

Seib, R.
1979

5 June

Traveled to San Rafael de la Cuesta, San Marcos, Guatemala
I felt very relieved to have reached San Rafael. We stopped at the Chinaman's store and asked for a room and some cokes, then drove to Finca Santa Julia. It was threading pouring rain and we didn't think anyone would look for us, but very soon people (ring birds) came running up for bags. I said I wanted Dermophis for 50 cents each, but only 100 of them. I said 10 cents for snakes. Not much happened until I talked with some man who got charged up, causing me to spend about $100.00 this day. I followed them down to a garbage pit and watched them unearth Dermophis, mostly newborns, and snakes, including the rare Geophis cancellatus. I soon told people I wanted no more animals, but I bought what they had caught:

137 Dermophis mexicana
1 Micrurus latifasciata
68 Adelphicos quadrivirgatus
9 Coniophanes fissidens
5 Geophis cancellatus
4 Ninia diademata
30 Ninia sebae
2 Rhadinaea hannsteini
2 Micrurus nigrocinctus
178 Geophis nasalis

Seib, R.
1979

Tapachula to San Rafael Pie de la Cuesta, San Marcos, Guatemala

15 June — I did nothing but preserve specimens until dark and we finally went back to the store. We set up a gas lantern on a table and began to inject the 301 snakes to kill them, sorted them, catalouged them, wrote and sewed tags on them, and finally weighed and measured them (only 95 of the Geophis nasalis). The M. latifasciata is absolutely the largest coral snake I've ever found. It's head is three times the volume of that of our next largest (600-700 mm) coral snake. We didn't finished until 1:00 in the morning and went to bed totally filthy.

San Rafael Pie de la Cuesta, San Marcos, Guatemala

16 June — Woke up late, at 10:00, had some cokes, and drove to Santa Julia. I started preserving last night's 301 snakes. Snakes came in all day long to a total of 432! I didn't stop preserving these 793 for over 7½ hours, and now have a very sore back. Altogether, for this day, we got:

1 Bolitoglossa occidentalis
2 Oedipina ignea
1 Amastridium veliferum
92 Adelphicos quadrivirgatus
14 Coniophanes fissidens
1 Drymobius chloroticus

Seib, R.
1976

San Rafael Pie de la Cuesta, San Marcos, Guatemala

16 June

8 Geophis cancellatus
262 Geophis nasalis
7 Ninia diademata
18 Ninia sebea
1 Mastigodryas melanolomus
1 Pliocercus elapoides
9 Rhadinaea hannsteini
3 Micrurus nigrocinctus
6 Scincella

No matter how much I offered for B. occidentalis the people wouldn't go out and get them. They said the plants were all gone. I even paid 50 cents for the one that was brought to me. We went back to the store at dark. and I drank 4 Mexican beers and passed out.

San Rafael Pie de los Cuesta to Tapachula, Chiapas, Mexico

17 June We got up at 7:00, left at 7:30 on the bad road, got stuck in the same spot, but the car made it back alive. Had to pay a $2.00 bribe for speeding in Tecun Uman. Crossed the border for $9.00 and the animals were never discovered. We relaxed and rested until dark, then went lantern walking. It was drizzling and we found a Hook nose snake 3.9 miles NW of Tuxtla Chico. Found a Ninia sebea 3.4 miles N of Cacahoatan and another one plus a caecilian at San Jeronimo. We

Seib, R.
1979

San Rafael Pie de la Cuesta to Tapachula, Chiapas, México

17 June lantern walked and caught many anurans and Bobby caught a Coniophanes and a Geophis, both of which were quite active and crawling thru the coffee leaves. We heard Centrolena calling in their whistle-like manner. Most noticeable to me is the lack of salamander activity in the rainy season. I was no longer raining on the way home, but we picked up two Dermophis.

Tapachula, Chiapas, México

18 June We got up at 9:00 and had breakfast, then drove out to San Jeronimo and passed out bags. Everyone seemed enthused, so we drove up to Finca Monte Perla and tried to collect. No one was about, so we wandered around below the the mess hall and barracks where we generally find most of the snakes. I caught a coiled and sleeping two-foot Drymobius margaratiferus under coffee leaves and Bobby caught an adult Rhadinaea hannsteini. We heard the 14:00 lunch bell and walked back to find all the men eating. Waited a half hour, then spent another half hour encouraging people to look with us. They were very reluctant, but finally began to collect.

Seib, R.
1974

Tapachula, Chiapas, México

18 June — Within 2 hours we had caught:

23 June — Berkeley, California

Moments after writing this last line I was bitten on the left index finger by a Pliocercus elapoides. It was a snake that I had been holding for some time and it only bit when I injected it with nembutal. I instantly felt a searing pain and knew that I had been envenomated. There was no blood, so I made 4 parallel incisions with a razor and applied a rubber suction cup. A great quantity of blood flowed out and in addition a mass of tissue was sucked out which resembled my finger after several hours. Within three minutes I began to black out from shock and my finger and hand were swollen. I was eventually taken to three hospitals (one was the Cruz Roja). Within one-two hours the really terrible was present. For quite some time the pain came in waves which lasted 2 minutes, with 1 minute repite. The pain is difficult to describe, but it was ultimately worse than the pain from the incision of my appendix operation. I was bitten at about 17:00 on Monday, the 18th, and I remained in the hospital until Wednesday night, when I was taken back to Motel Jamico. I had to take

Seib, R.
1974

Berkeley, California

23 June

a second room because the police had blocked my own room. Public administration and Agriculture arrived at about 21:00 and I was almost totally incoherent. I paid a bribe of U.S. $100.00 to the the official of Public Administration who then turned my preserved animals over to Agriculture. About 300 snakes which I had collected ~~at~~ at Monte Verde and San Jermimo had rotted and were incinerated with the animals we had caught lantern-walking and night-driving and some others. Two men, Dieter Enkelin and Jack Reynolds, had been working all this time to get my animals back to me and to get me out of the hospital. Somehow, by 11:30 Thursday morning, Dieter got me onto a plane to Mexico City with my animals. I arrived in San Francisco 10 hours later and went to Saint Francis hospital where they told me I would regain sensitivity within 3 weeks.

Seib, R.
1979

Berkeley to La Paz, Baja California Sur, México

28 June

We caught a 10:15 PSA out Oakland this morning and transferred to Aero México in LA. It's a 2 hr flight from LA to La Paz and we flew over the gulf coast and could see most of the Gulf islands. The sand dunes on Isla Monserratt are rather substantial. Most of the dense vegetation on Isla Catalana it situated in the middle part of the island (see below).

Arrived in La Paz about 15:30, rented a car and checked a room at Hotel Presidente Inn. It about 500 pesos for two singles and a couch. There are three of us (Ted Papenfuss & Bobby Macey). We first went snorkeling on the hotel's beach and there it quite a variety

Sept. R.
1979

Berkeley to La Paz, Baja California Sur, México

28 June

of tropical fish species to be seen. Afterwards, we drove into La Paz to organize a group of Bipes diggers for 6:30 the next morning. Then we went night-driving south, past San Pedro to El Triunfo and all the way back to La Paz, seeing only a DOR Crotalus ruber. Went to bed and fell straight to sleep.

La Paz, Baja California Sur, México

29 June

At 6:00, Jed and Bobby jumped up and went straight out to look for Bipes. The returned at 13:00 with 46 Bipes, 12 Rhynosoma coronatum, and a Chelomeniscus stramineus. We swam and then weighed, measured, pieced, and tagged the Bipes and some Rhynosoma. I've been trying to rest to recover from the excess of drugs I was given in the hospital at Tapachula. I had 100-200cc of Valium, Darvon, Cortizone, Penecilin, and at least 5 other drugs (mostly pain pills) and one ampule of anti-venin for Crotalus. My head did not begin to clear until the morning of the 27th; my diarhea has never gone away, and no feeling has returned to my left hand, although it tingles rather unpleasantly. At 19:00 we drove back to La Bay and the diggers had 21 more Bipes, 6 more Rhynosoma, and a Salvadora hexalepis with food in its

Sept, 8
1979

La Paz, Baja California Sur, Mexico

29 June — stomach. We night-drove north about 50 kilometers and returned, seeing nothing. Processed the tigers, and went to bed. During the afternoon swim a Mexican saw a sea snake which he described as looking like a Pelamis platurus. About 1½ years ago one of my group also saw one further south at Cabo Pulmo near the coral reef.

30 June — Ted left again at six this morning and at 13:00 brought back 34 Bufo, 9 Chrysoscus, and 4 Chilomeniscus stramineus. After processing the Bufo, I preserved them. At dark we decided not to night drive and just took in a good night's sleep.

La Paz to Cabo Pulmo, Baja California Sur, México

1 July — Again, Ted woke at six. We returned at noon with about 45 Bufo, but only one horned lizard and no serpents. We processed them and I preserved them, then we packed and drove south along Hwy 1 to a dirt road in a wash where a sign reads Las Cuevas. We turned left towards the gulf and drove past La Rivera to Cabo Pulmo, 1½ hrs from the paved road. It was nearly dark, so we made camp. Ted lantern-walked while Bobby and I night-drove 16.8 km back up the

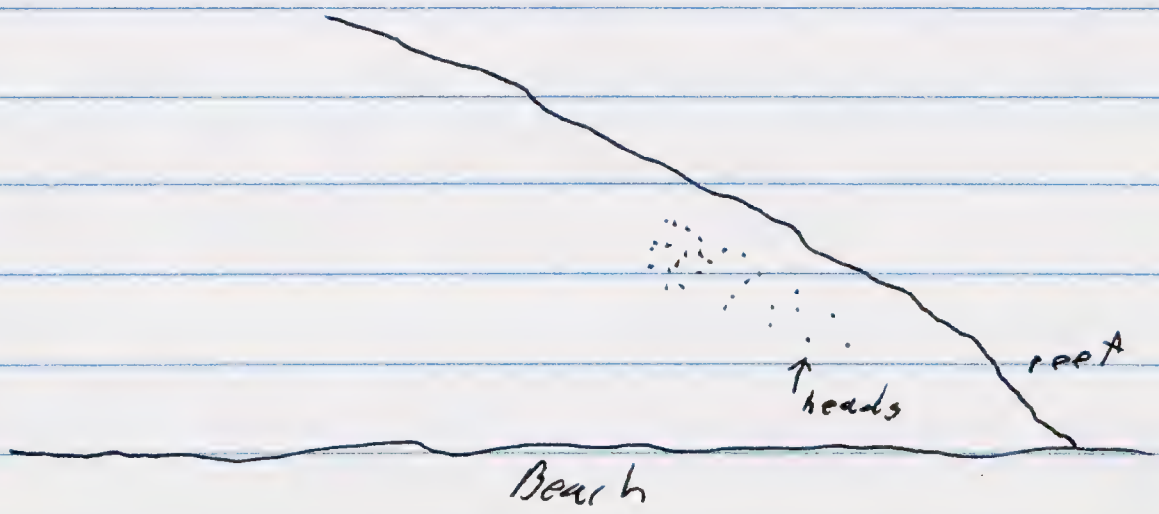
Seib, R.
1979

La Paz to Cabo Pulmo, Baja California Sur, Mexico

1 July — dirt road. We saw nothing, as did Jeff. There are tracks of large snakes (Masticophis, Salvadora) and small ones (Chilomeniscus) on the Dunes. We roasted chicken, slept, drank juice and went to sleep.

Cabo Pulmo to Rancho Buena Vista, Baja California Sur, Mexico

2 July — When I woke I found many fresh Chilomeniscus tracks and two racer tracks. The former are perhaps most active before dawn at this time. Cabo Pulmo has a fine coral reef, about 1/4 mile from shore to its end. The individual heads of coral may measure 2 meters or more in diameter.



On the drive to RBV we counted 74 Dipsosaurus on the edge of the dirt road and 6 on the paved road. After organizing at RBV, we drove up north to the wash near San Bartolo and lay-collected Pettosaurus and Sceloporus.

Seib, R.
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Rancho Buena Vista to La Paz, Baja California Sur, México

3 July — Upon waking we drove out to El Coro Canyon. We saw only active lizards: Gerrhonotus, Petrosaurus, Cnemidophorus maximus & C. hyperythrus, Sceloporus hunsakeri & S. licki, etc. At noon we drove to La Paz. Ted went to the weather bureau and I went to Aero Mexico where I waited over 2 hours because the ~~the~~ line to Mexico City was down. I never got our reservations.

La Paz to Berkeley, California

4 July — We got up at 6:00 and packed and drove to Aero Mexico. They dropped me off and drove to the ~~Aero~~ airport. Nothing had changed so I took a taxi to the airport. We had no reservations and waited until 10:00, five minutes before the plane left, and were finally offered boarding passes.

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